AD A074671

USAFETAC/DS-79/052

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SCOTT AFB ILLINOIS/BELLEVILLE WBAN# 13802
N 38 33 W 089 51 FLD ELEV 453 FT KBLV WMO#

PARTS A-F

POR FROM HOURLY OBS: JAN 38-DEC 38, MAR 39-DEC 72
POR FROM DAILY OBS: JAN 38-DEC 38, MAR 39-DEC 72

AUG 30 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED.

859-4820/b

79 10 02 046

Best
Available
Copy

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Susan V. Berry

SUSAN V. BERRY, 2LT, USAF
Information Retrieval Manager

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
Scientific & Technical
Information Officer

DATA PROCESSING SHEET

PHOTOGRAPH THIS SHEET

II
LEVEL

1
INVENTORY

AD A074671
DDC ACCESSION NUMBER

USAFETAC/DS-79/052
DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited
DISTRIBUTION STATEMENT

Accession For
NTIS GRA&I
DDC TAB
Unannounced
Justification
By
Distribution/
Availability Codes
Dist | Avail and/or special
A | 23

DISTRIBUTION STAMP

DDC
RECEIVED
OCT 4 1979
B

DATE ACCESSIONED

DATE RECEIVED IN DDC

PHOTOGRAPH THIS SHEET

AND RETURN TO DDA-2

DISCLAIMER NOTICE

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FURNISHED TO DDC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-79/052	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Scott AFB, Belleville, Illinois		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 30 Aug 74 13 NUMBER OF PAGES p.
14 MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15 SECURITY CLASS (of this report) UNCLASSIFIED 15a DECLASSIFICATION/DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

16 SUPPLEMENTARY NOTES

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for Scott AFB, Belleville, Illinois

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

UNCLASSIFIED

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Illinois * Scott AFB IL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A	WEATHER CONDITIONS	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PARTC	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

S74-29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13802	SCOTT AFB ILLINOIS/BELLEVILLE	N 38 33	W 089 51	463	KBLV	-

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		CEILING PROJECTOR DIST
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Scott Field, Illinois	AAF	Jan 38	Dec 38	N 38 33	W 089 59	441	446	24
2	Same	Same	Mar 39	Mar 40	Same	Same	Same	Same	24
3	Same	Same	Apr 40	May 48	Same	Same	Same	444	24
4	Scott AFB, Illinois	AFB	Jun 48	Jul 56	Same	Same	447	Same	24
5	Same	Same	Aug 56	Feb 59	Same	Same	461	Same	24
6	Same	Same	Mar 59	Feb 60	Same	W 089 51	Same	Same	24
7	Same	Same	Mar 60	Dec 72	Same	Same	463	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 38to Mar 40	Located on Post Operations Bldg.	Anemometer	N/A	40 Ft	
2	Apr 40to Jun 43	Located on E annex of Air Corps Hangar # 1.	Selsyn	ML-144B	111 Ft	
3	Jul 43to May 48	Same	Same	Same	114 Ft	
4	Jun 48to Mar 53	Located on roof of Bldg.	Same	Same	115 Ft	
5	Apr 53to Feb 55	Located on Bldg. P-33.	Same	Same	Same	
6	Mar 55to 21 Jun57	Same	Same	Same	125 Ft	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	22Jun 57 to Feb 58	Located in triangle between Rnwys.	AN/GMQ-11	RO-2	13 Ft	
8	Mar 58 to Feb 59	Located in center of Airfield.	Same	Same	Same	
9	Mar 59 to Feb 61	Located 1850 ft ENE of ROS at a point 1800 ft N & 850 ft E of S end of Rnwy 18/36.	Same	Same	Same	
10	Mar 61 to Feb 63	Located 1500 ft from end of Rnwy 31 at a point 600 ft NE of Center.	Same	Same	Same	
11	Mar 63 to Feb 66	1. Located 1500 ft from end of Rnwy 31 at a point 600 ft NE of center.	Same	Same	20 Ft	
		2. Located 500 ft NW of a point 100 ft SE of Rnwy 13.	Same		20 Ft	
12	Mar 66 to Jun 70	1. Same	Same	Same	13 Ft	
		2. Same	Same		26 Ft	
13	Jul 70 to Dec 72	1. Located 1600 ft N of end Rnwy 31 at a point 600 ft NE of centerline.	AN/GMQ-20	RO-362	13 Ft	
		2. Located 875 ft S of end Rnwy 13 at a point 500 ft SW of centerline.	Same		26 Ft	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

74-29959

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	6.2	1.3	6.1	.0	13.2	15.9	32.1	.6		42.4	25093
FEB		.1	7.6	.6	5.7		13.5	14.9	28.2	.2	.1	38.3	22877
MAR		.7	8.6	.2	4.1	.0	12.5	11.0	18.4	.3	.1	27.5	25939
APR		1.4	10.5	.0	.5	.0	10.9	8.1	11.7	.0	.1	17.8	25035
MAY		1.9	7.9		.0	.0	7.9	8.2	9.1		.1	15.1	25892
JUN		2.4	5.4			.0	5.4	6.2	8.1		.0	12.5	24775
JUL		2.3	4.2			.0	4.2	7.0	10.5		.0	15.3	25862
AUG		1.9	4.5				4.5	9.0	14.7		.0	20.3	25973
SEP		1.1	6.0				6.0	10.2	13.7		.0	20.0	25135
OCT		.5	6.7		.1	.0	6.7	10.5	17.5		.0	24.3	25951
NOV		.3	8.4	.1	2.1		10.3	11.2	22.5	.0	.0	29.8	25113
DEC		.1	8.2	.8	4.5	.0	13.2	15.4	26.3	.3	.0	38.5	25903
TOTALS		1.1	7.0	.3	1.9	.0	9.0	10.6	17.9	.1	.0	25.2	303548

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.2	6.5	1.4	5.5		12.8	16.6	28.6	.5		40.2	3125
	03-05	.3	6.2	1.8	6.1	.0	13.6	17.9	29.5	.4		41.9	3139
	06-08	.1	6.3	1.8	6.2		13.9	22.6	39.0	.5		51.4	3145
	09-11		6.4	1.3	7.5		15.0	18.8	39.3	.7		50.4	3126
	12-14	.1	5.8	1.0	6.1		12.5	12.4	30.1	.4		38.4	3138
	15-17	.1	6.2	.8	5.7		12.2	11.9	29.7	.6		37.7	3142
	18-20	.3	6.4	1.3	6.0		13.1	13.0	30.5	.7		39.8	3138
	21-23	.1	5.7	1.3	6.0		12.4	14.3	29.7	.6		39.5	3140
TOTALS		.2	6.2	1.3	6.1	.0	13.2	15.9	32.1	.6		42.4	25093

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.1	7.7	.6	5.1		13.0	14.1	26.2	.2		36.7	2862
	03-05	.1	8.9	.5	5.2		14.4	16.6	26.9	.2		38.5	2863
	06-08	.1	8.3	.6	6.6		15.3	22.9	38.6	.3	.0	50.9	2859
	09-11	.1	7.3	.6	7.1		14.6	16.4	34.9	.3	.1	45.6	2858
	12-14	.0	6.8	.3	5.7		12.4	12.7	24.7	.2	.1	33.9	2861
	15-17	.1	6.6	.5	5.7		12.3	11.8	22.6	.1	.1	30.9	2857
	18-20	.2	7.5	.6	4.9		12.6	12.3	25.4	.2	.1	34.3	2857
	21-23	.2	7.8	.7	5.0		13.2	12.6	25.9	.1	.1	35.4	2860
TOTALS		.1	7.6	.6	5.7		13.5	14.9	28.2	.2	.1	38.3	22877

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.0	8.9		4.8	.0	13.5	11.6	16.1	.2	.3	26.3	3241
	03-05	1.0	9.6	.2	5.1		14.6	14.4	20.0	.3	.2	31.8	3246
	06-08	.7	9.3	.2	5.1	.0	14.3	19.1	34.2	.2	.1	46.7	3242
	09-11	.4	7.7	.2	4.2		11.7	10.9	23.4	.3	.1	33.6	3244
	12-14	.3	6.9	.3	3.0	.0	9.9	7.4	13.1	.4	.1	19.8	3246
	15-17	.6	8.3	.2	3.1	.0	11.3	7.6	11.1	.3		18.2	3239
	18-20	.9	8.7	.2	3.1		11.8	8.5	14.8	.2	.1	22.3	3241
	21-23	.8	9.0		4.5	.0	13.1	8.4	14.5	.2	.2	22.0	3240
TOTALS		.7	8.6	.2	4.1	.0	12.5	11.0	18.4	.3	.1	27.5	25939

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 — STATION
SCOTT AFB ILLINOIS/BELLEVILLE — STATION NAME
36-72 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.1	11.2	.1	.5	.0	11.6	8.6	11.2			18.0	3130
	03-05	1.2	11.3	.0	.6	.0	11.8	12.9	15.7		.0	25.3	3133
	06-08	1.2	9.7		.6		10.2	14.7	22.0		.1	31.7	3132
	09-11	.5	9.4		.6		9.9	6.7	11.7		.2	17.0	3133
	12-14	.9	10.2		.6	.0	10.6	4.8	7.1		.1	11.3	3132
	15-17	1.6	10.8		.4	.0	11.1	4.9	6.2	.0	.2	10.4	3129
	18-20	2.0	10.9		.2	.0	11.0	5.9	9.1			13.8	3119
	21-23	1.5	10.5	.0	.4		10.9	6.2	10.3		.1	15.0	3127
TOTALS		1.4	10.5	.0	.5	.0	10.9	8.1	11.7	.0	.1	17.8	25035

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.9	8.4				8.4	9.6	8.6		.0	15.8	3234
	03-05	1.8	8.6		.0		8.7	19.7	13.6			27.2	3244
	06-08	1.6	9.2				9.2	16.2	16.9		.1	27.5	3237
	09-11	.9	6.8				6.8	5.3	8.7		.2	12.8	3234
	12-14	1.1	6.9				6.9	2.9	5.3		.2	7.6	3237
	15-17	2.1	8.0			.0	8.0	3.1	4.2		.2	6.9	3238
	18-20	3.0	7.4			.0	7.4	3.9	7.8		.2	11.1	3237
	21-23	2.5	7.9			.1	7.9	5.2	7.9		.1	11.8	3231
TOTALS		1.9	7.9		.0	.0	7.9	8.2	9.1		.1	15.1	25892

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.3	5.8				5.8	7.6	7.0			13.0	3095
	03-05	2.4	5.2			.0	5.2	19.5	15.4			27.9	3093
	06-08	1.3	5.8				5.8	13.2	18.1			26.8	3088
	09-11	.9	5.0				5.0	2.8	6.7		.1	9.1	3104
	12-14	2.0	4.7			.1	4.7	.8	4.3		.0	5.1	3097
	15-17	3.3	5.5				5.5	.5	2.7		.0	3.3	3095
	18-20	4.0	5.8				5.8	1.6	5.1			6.7	3103
	21-23	2.7	5.5				5.5	3.3	5.5			8.1	3100
TOTALS		2.4	5.4			.0	5.4	6.2	8.1		.0	12.5	24775

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.5	4.5			.0	4.5	7.9	10.7			16.6	3233
	03-05	3.0	4.8				4.8	22.2	16.4			31.6	3235
	06-08	2.0	5.2				5.2	17.8	22.6		.0	33.0	3232
	09-11	1.0	4.7				4.7	3.3	10.5			13.1	3227
	12-14	1.4	3.6				3.6	1.0	5.6			6.3	3232
	15-17	2.2	3.5				3.5	.5	4.1			4.5	3244
	18-20	3.4	3.8				3.8	1.1	5.7		.0	6.5	3230
	21-23	2.6	3.6				3.6	2.5	8.5			10.4	3229
TOTALS		2.3	4.2			.0	4.2	7.0	10.5		.0	15.3	25862

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.1	4.4				4.4	8.7	12.2			18.1	3243
	03-05	2.2	5.6				5.6	24.6	19.0			34.9	3242
	06-08	1.5	5.4		.0		5.4	26.4	30.7			45.1	3247
	09-11	.9	4.6				4.6	4.4	16.9			19.9	3253
	12-14	1.5	3.5				3.5	1.5	9.5			10.5	3244
	15-17	2.9	4.1				4.1	.6	8.0		.0	8.5	3244
	18-20	2.4	4.1				4.1	1.8	10.9			12.1	3251
	21-23	2.0	4.1				4.1	4.1	10.5			13.2	3249
TOTALS		1.9	4.5		.0		4.5	9.0	14.7		.0	20.3	25973

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.4	6.5				6.5	11.4	12.6			19.5	3140
	03-05	1.3	7.3				7.3	22.1	18.1			31.6	3142
	06-08	.7	5.8				5.8	26.5	29.8			43.9	3142
	09-11	.3	5.5				5.5	5.6	15.0		.0	19.2	3137
	12-14	.8	5.5				5.5	2.5	7.9			9.7	3142
	15-17	1.2	6.0				6.0	2.4	6.2			8.1	3146
	18-20	2.0	5.9				5.9	4.0	9.9		.0	13.2	3139
	21-23	1.1	5.3				5.3	6.8	10.3			14.8	3147
TOTALS		1.1	6.0				6.0	10.2	13.7		.0	20.0	25135

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 36-72 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.7	6.8				6.8	11.7	17.1			24.7	3249
	03-05	.7	7.1		.1		7.2	17.0	21.2			32.1	3244
	06-08	.7	7.3				7.3	24.4	35.3		.1	48.7	3242
	09-11	.0	6.0		.0		6.0	7.4	21 1			26.2	3235
	12-14	.2	6.2			.0	6.2	4.7			.1	12.2	3243
	15-17	.5	6.9		.1		6.9	4.8	9.0		.1	12.8	3246
	18-20	.7	6.8		.1		6.8	5.3	13.1			17.4	3242
	21-23	.6	6.3		.1		6.4	8.3	14.3			19.9	3250
TOTALS		.5	6.7		.1	.0	6.7	10.5	17.5		.0	24.3	25951

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.3	9.4	.0	1.8		11.1	11.4	18.9			27.2	3139
	03-05	.1	9.0	.1	1.9		10.9	14.2	21.8	.1		31.6	3142
	06-08	.3	8.0	.1	2.2		10.1	24.5	37.0		.0	49.5	3142
	09-11	.3	7.4		2.5		9.5	11.7	30.3		.1	37.7	3134
	12-14	.1	7.1		2.4		9.1	6.6	17.4		.0	22.6	3139
	15-17	.2	8.0	.0	1.8		9.6	6.4	17.4			21.9	3139
	18-20	.3	8.5	.1	1.9		10.4	6.6	18.7			23.1	3137
	21-23	.6	9.6	.1	2.1		11.5	7.8	18.7			24.4	3141
TOTALS		.3	8.4	.1	2.1		10.3	11.2	22.5	.0	.0	29.8	25113

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13802 — STATION
SCOTT AFB ILLINOIS/BELLEVILLE — STATION NAME
38-72 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.2	7.8	1.0	4.3		12.8	15.9	25.2	.3		36.0	3237
	03-05	.3	9.0	1.0	3.7		13.4	17.7	25.9	.4	.0	37.8	3234
	06-08	.1	8.7	.6	3.9		13.0	23.3	34.7	.4		48.3	3242
	09-11	.1	7.7	.6	5.5		13.4	17.9	35.7	.4		46.3	3244
	12-14	.0	7.3	.6	4.9		12.5	11.4	26.1	.4	.1	34.2	3241
	15-17	.3	7.7	.7	4.3	.0	12.5	11.4	26.6	.3		34.9	3244
	18-20	.1	8.2	.9	4.4		13.4	11.5	26.6	.2		35.1	3230
	21-23		9.4	1.1	4.6		14.7	14.0	25.3	.2		35.0	3231
TOTALS		.1	8.2	.8	4.5	.0	13.2	15.4	28.3	.3	.0	38.5	25903

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

S74 29960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

~~WEATHER CONDITIONS~~
ATMOSPHERIC PHENOMENA

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 46-72 YEARS | ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.6	32.0	5.9	28.7	.1	48.3	38.2	64.0	3.8	.1	71.4	837
FEB		3.0	36.6	3.0	24.9	.3	48.5	39.7	63.3	1.4	.3	69.7	763
MAR		10.0	40.2	1.1	20.8	1.8	51.3	37.8	60.0	1.2		66.7	837
APR		20.0	52.8	.2	3.7	2.2	51.4	32.0	43.5	.1	.1	51.7	804
MAY		21.7	46.7			1.3	46.1	38.2	37.6		.1	48.8	825
JUN		24.7	41.9			1.1	40.7	32.6	39.2		.5	47.2	809
JUL		25.7	42.0			.7	39.7	39.6	43.4			52.8	836
AUG		20.6	34.8			.9	33.1	48.7	51.0			60.9	822
SEP		13.7	38.3			.2	35.8	45.1	49.4			56.5	810
OCT		7.0	32.9		.6	.5	32.7	40.0	51.4		.4	60.2	837
NOV		4.3	36.0	.2	13.1	.1	42.6	39.5	55.7	.1		63.8	810
DEC		2.2	34.7	4.7	22.3	.2	45.6	43.5	61.8	1.8		71.1	837
TOTALS		13.0	39.1	1.3	9.5	.8	43.0	39.6	51.7	.7	.1	60.1	9827

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

74-29961

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	51.3	23.4	2.7	5.6	4.4	5.0	3.7	2.4	1.2	.2				25.3	1041	2.10	8.88	TRACE
FEB	48.9	24.1	2.5	4.0	3.8	7.4	3.7	4.0	1.5					27.0	945	2.25	6.19	TRACE
MAR	46.6	21.1	2.0	7.0	4.5	6.6	5.0	5.3	1.8					32.2	1083	3.04	9.96	TRACE
APR	46.7	18.1	1.5	5.1	3.8	8.6	7.2	6.5	2.3	.2				35.2	1084	3.87	9.43	.00
MAY	51.6	15.5	2.8	4.5	3.7	6.9	6.7	5.1	2.9	.3				32.9	1065	3.89	9.86	TRACE
JUN	55.4	13.5	2.1	5.1	3.3	6.4	5.5	5.0	3.2	.5	.1			31.1	1037	4.23	17.16	TRACE
JUL	61.3	12.4	1.4	4.5	2.4	6.1	4.7	4.1	2.6	.4	.1			26.3	1076	3.58	11.56	.00
AUG	66.3	12.1	1.2	3.9	2.3	3.5	3.7	3.9	2.6	.6	.1			21.7	1062	3.59	21.05	.00
SEP	64.1	12.0	1.3	4.7	2.2	4.9	4.4	2.7	3.3	.4				23.9	1042	3.18	9.46	.00
OCT	66.7	10.1	1.9	4.1	3.1	4.8	4.1	3.1	1.9	.2				23.2	1081	2.47	6.80	.00
NOV	57.0	16.2	2.3	4.9	3.4	4.9	5.5	3.2	2.2	.1	.1			26.8	1031	2.87	10.01	.00
DEC	52.6	20.0	3.4	4.9	2.7	6.0	5.0	3.4	1.6	.3				27.4	1077	2.70	8.63	.00
ANNUAL	55.7	16.5	2.1	4.9	3.3	5.9	4.9	4.1	2.3	.3	.0			27.7	12574	37.77		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38	*TRACE	*TRACE	*TRACE	* .00	*TRACE	*TRACE	* .00	* .00	* .00	* .00	* .00	.00	*TRACE
39			1.10	1.39	.58	1.09	1.80	3.86	.58	.37	.79	.53	
40	.44	.38	.50	.97	.54	.96	.01	2.92	.05	1.12	1.03	1.28	2.92
41	.91	.24	.28	1.19	1.13	1.52	.93	1.22	2.85	.82	1.10	.50	2.85
42	1.36	.90	.97	.63	.85	2.19	5.49*	.90	.69	2.54	1.49	2.03	5.49
43	.48	.57	.69	.61	2.20	2.60	1.97	1.82	1.36	.92	1.08	.65	2.60
44	.20	.59	.55	1.60	1.76	.54	1.18	1.63	1.15	.05	.31	.54	1.76
45	.56	1.38	2.48	1.63	1.80	1.47	.26	.94	2.44	.28	.61	.97	2.48
46	.62	2.03	.79	1.48	1.26	1.34	.78	9.22	.72	1.75	1.72	.71	9.22
47	1.23	.31	.68	1.06	2.09	2.44	.29	.59	1.29	1.39	.92	2.13	2.44
48	.67	.74	1.67	.53	1.22	1.29	3.65	.60	.65	1.52	.78	2.00	3.65
49	2.25	2.07	.69	.32	.83	.96	2.05	.90	2.76	2.55	.38	2.63	2.76
50	3.58	1.51	.83	.83	.89	.75	.48	1.93	.72	.76	1.60	.50	3.58
51	1.26	1.65	.63	.68	.75	2.18	1.63	.65	1.14	2.12	.95	.55	2.18
52	.38	.80	1.75	2.94	1.82	1.39	1.29	1.06	2.01	.14	1.06	.79	2.94
53	.55	.61	1.01	.73	1.01	1.39	.53	.36	.35	.82	.34	.15	1.39
54	1.25	.37	.36	1.74	1.81	.93	.87	1.46	3.62	1.23	.44	.79	3.62
55	.34	1.19	1.27	.45	.66	.90	.85	1.76	1.69	1.49	.62	.06	1.76
56	.27	1.48	.30	.81	1.47	2.20	1.03	1.75	2.10	.75	1.02	1.12	2.20
57	.82	2.22	1.31	2.48	1.22	8.15	1.32	2.27	.64	.64	.89	.88	8.15
58	1.53	.24	1.32	.62	.99	1.36	3.14	1.54	.60	1.88	2.91	.50	3.14
59	.80	1.13	.73	.86	1.90	.49	.76	2.44	2.00	1.62	.75	1.70	2.44
60	.76	.48	.97	1.06	1.14	1.32	.68	.73	.32	1.18	1.23	.33	1.32
61	.35	.86	1.27	.67	3.47	2.55	2.24	3.51	1.07	.89	1.27	.77	3.51
62	1.84	.85	1.74	2.80	.42	1.08	1.40	3.30	1.26	1.23	.48	1.02	3.30
63	.50	.17	1.79	1.05	1.17	.66	1.70	.70	.97	.44*	2.32	.39	* 2.32
64	.34	.73	1.64	1.74	1.60	.73	1.45	1.27	2.08	.34	.73	.74	2.08
65	.68	.84	.58	1.11	1.11*	1.30	1.03	1.09	3.04	.67	.52	1.65	3.04
66	.54	1.64	.80	1.66*	.42	1.33	.47	1.32	1.28	.48	1.39	1.12	1.66
67	1.76	.51	1.28	.78	1.11	2.27	1.18	.99	.93	1.07	.79	2.81	2.81
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68	.61	1.16	.95	.81	3.03	2.80*	2.40*	.08	2.23	.43	2.18	1.69	3.03
69	2.65	.86	.97	.87	.46	3.33	3.65	.03	1.84	1.33	.49	.52	3.65
70	.13	.35	.96	1.61	1.04	1.85	.36	1.33	1.32	.65	.86	.82	1.85
71	.58	.95	.67*	.83	1.79	.44	.83	.14	1.11	.55	.50	3.22	3.22
72	.36	.61	1.06*	2.20	.41	.92	1.69	1.30	.99	1.10	6.67	1.29	6.67
MEAN	.900	.895	.977	1.164	1.256	1.626	1.428	1.589	1.367	1.003	1.149	1.068	3.119
S D	.774	.573	.519	.680	.734	1.365	1.140	1.637	.877	.650	1.135	.788	1.832
TOTAL OBS	1041	945	1089	1034	1065	1037	1076	1062	1042	1081	1031	1077	12574

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0 88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38	*TRACE	*TRACE	*TRACE	* .00	*TRACE	*TRACE	* .00	* .00	* .00	* .00	* .00	* .00	TRACE
39			2.25	4.91	1.57	5.62	5.93	8.69	1.44	1.06	1.99	1.45	
40	2.05	1.49	1.25	4.98	1.62	1.78	1.08	3.87	.10	2.34	2.99	4.38	29.93
41	2.31	.58	.55	5.19	2.64	3.17	1.68	2.76	7.21	5.95	3.31	1.40	36.75
42	2.83	2.63	2.99	1.66	2.76	8.14	8.22*	2.31	2.17	3.25	5.99	3.27	*48.32
43	.75	.86	2.65	2.31	9.13	9.31	3.76	2.60	3.14	1.85	1.51	1.68	39.55
44	.33	2.83	2.23	4.85	4.38	1.42	2.57	4.24	2.79	.11	.97	1.81	28.63
45	1.06	3.32	9.96	3.47	3.55	4.19	.60	2.50	9.46	.52	2.44	1.49	44.56 ✓
46	1.61	3.23	2.46	3.15	6.91	2.82	1.63	21.05	2.29	3.54	6.38	2.18	57.25
47	2.36	.43	2.48	6.74	4.86	6.80	.40	1.25	2.27	4.92	2.18	3.07	37.76 ✓
48	1.03	2.25	6.46	1.40	4.05	5.33	11.56	.96	1.56	2.69	2.81	4.41	44.51 ✓
49	7.39	3.16	2.63	1.10	3.39	3.75	4.22	2.89	5.58	6.80	.42	5.05	46.38 ✓
50	8.88	4.27	3.13	3.59	3.14	2.23	1.21	6.01	1.69	.84	3.29	.81	39.11
51	3.47	6.19	2.60	2.17	2.26	7.24	3.68	2.22	3.58	3.49	3.37	2.15	42.42 ✓
52	.97	1.94	4.81	.55	2.88	2.45	4.44	1.88	3.55	.30	3.79	1.61	34.17 ✓
53	1.55	1.25	3.84	3.77	1.62	3.18	1.00	.67	.75	1.91	.64	.37	20.55 ✓
54	1.72	1.11	1.29	5.10	3.97	1.86	1.67	4.09	3.38	4.37	1.06	3.34	34.96 ✓
55	1.03	3.43	2.99	2.43	2.27	2.41	2.68	1.85	3.78	3.54	1.62	.09	28.12 ✓
56	.95	4.61	1.14	2.75	6.41	4.06	6.44	3.13	3.10	.78	2.74	3.00	39.11
57	1.22	4.80	2.86	9.43	5.56	17.16	2.90	3.77	1.30	2.28	3.52	2.85	57.65
58	2.78	.31	3.82	2.72	3.80	3.72	8.99	4.97	2.22	1.88	7.02	.86	43.09 ✓
59	1.83	2.42	2.44	2.35	7.16	.88	2.11	4.62	4.13	4.21	2.06	4.30	38.51
60	2.28	1.64	2.97	2.98	3.94	4.46	1.93	1.55	.37	4.72	3.27	1.01	31.14
61	.86	2.63	4.81	3.00	9.86	4.25	5.37	5.02	2.33	2.18	2.77	2.81	45.89
62	5.40	3.41	3.38	4.28	1.71	4.76	2.79	6.35	2.79	2.92	1.23	2.06	41.08
63	1.08	.44	6.29	2.19	3.78	2.02	4.71	1.50	1.09	.90*	3.25	.87	*28.12
64	1.32	2.42	4.27	3.38	4.09	2.86	2.12	2.60	3.67	.65	1.81	2.32	33.51
65	2.67	1.61	2.41	3.75	2.85*	5.02	2.45	4.77	8.08	1.52	.90	3.72	*39.65
66	.87	3.88	1.39	5.28*	1.65	2.40	.86	3.56	3.06	1.54	4.03	2.38	*31.10
67	2.20	1.14	2.99	2.93	4.63	3.46	4.19	1.50	2.76	3.42	2.19	8.41	39.82
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL-64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
2 AIR WEATHER SERVICE/MAC

[redacted]
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68	1.73	1.30	3.20	2.47	8.85	5.60*	6.51*	.22	3.11	1.02	7.13	3.69	*44.83
69	5.21	1.94	2.21	4.20	1.70	7.40	10.45	.07	7.12	4.53	.97	2.25	48.15
70	.28	1.14	2.49	7.09	2.63	4.97	.94	4.49	4.36	2.85	1.68	1.55	34.42
71	1.09	2.41	1.83*	2.63	4.96	1.46	2.79	.29	1.83	.87	1.46	8.63	*30.19
72	.84	1.44	2.99*	7.58	1.43	1.99	3.51	5.42	3.38	2.56	10.01	5.37	*46.52
MEAN	2.098	2.250	3.036	3.871	3.886	4.234	3.583	3.391	3.184	2.466	2.869	2.704	37.728
S D	1.949	1.443	1.818	1.993	2.325	3.104	2.897	3.663	2.202	1.707	2.145	1.992	10.481
TOTAL OBS	1041	945	1083	1034	1065	1037	1076	1082	1042	1081	1031	1077	12574

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL)

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CL 12169
22NOV76

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

20yr

13802 STATION | SCOTT AFB IL/BELLEVILLE STATION NAME | 56-75 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02 05	06-10	11-.25	.26-.50	.51 1 00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5 1 4	1.5 2.4	2.5 3 4	3.5-4 4	4.5-6.4	6.5 10 4	10 5-15 4	15 5 25.4	25 5-50 4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	71.9	18.5	1.9	4.5	1.8	.6	.3	.2	.2					9.5	620	4.0	13.7	TRACE
FEB	69.4	21.2	3.7	2.3	1.9		.2	.9	.2	.2				9.4	565	4.4	13.9	TRACE
MAR	77.3	16.0	1.8	2.7	1.0	.2	.5	.5	.2					6.8	620	3.4	20.4	TRACE
APR	96.0	3.5		.2					.3					.5	598	.9	17.6	.0
MAY	100.0														620	.0	.0	.0
JUN	100.0														599	.0	.0	.0
JUL	100.0														619	.0	.0	.0
AUG	100.0														620	.0	.0	.0
SEP	100.0														600	.0	.0	.0
OCT	100.0														620	.0	.0	.0
NOV	87.4	9.3	1.9	.7	.5		.2		.2					3.4	593	1.3	10.3	.0
DEC	73.4	17.3	3.5	3.2	1.6	.8	.2							9.4	620	2.9	13.0	.0
ANNUAL	89.6	7.1	1.1	1.1	.6	.1	.1	.1	.1	.0				3.2	7294	16.9		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR-ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	02-05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-?	37-48	49-60	61-120	OVER 120					
JAN	69.8	20.3	2.2	5.0	1.6	.6	.2	.2	.1					9.9	837	3.9	13.7	TRACE
FEB	73.3	19.0	2.5	2.6	1.7	.1	.1	.4	.1	.1				7.7	763	3.3	13.9	TRACE
MAR	77.5	14.8	2.2	2.9	1.2	.1	.6	.6	.1					7.7	836	3.8	20.4	.0
APR	96.0	3.3	.1	.2					.2					.6	808	.7	17.6	.0
MAY	100.0														825	.0	.0	.0
JUN	100.0														809	.0	.0	.0
JUL	100.0														836	.0	.0	.0
AUG	100.0														822	.0	.0	.0
SEP	100.0														810	.0	.0	.0
OCT	99.4	.6													837	TRACE	TRACE	.0
NOV	87.0	10.2	1.0	.7	.6	.1	.1		.1					2.7	803	1.3	12.7	.0
DEC	76.6	16.2	2.7	2.0	1.7	.7								7.2	837	2.2	13.0	.0
ANNUAL	90.0	7.0	.9	1.1	.6	.1	.1	.1	.0	.0				3.0	9823	15.2		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CL12169
22NOV76

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

10YR

13802 STATION — SCOTT AFB IL/BELLEVILLE STATION NAME — 66-75 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	75.5	17.4	2.6	2.6	1.3	.3	.3							7.1	310	2.3	6.6	TRACE
FEB	69.5	22.3	4.3	1.8	1.1			.7		.4				8.2	282	3.6	13.9	.1
MAR	81.6	13.9	1.6	1.9			.3	.3	.3					4.5	310	2.2	7.6	TRACE
APR	95.6	3.4		.3					.7					1.0	298	1.8	17.6	.0
MAY	100.0														310	.0	.0	.0
JUN	100.0														300	.0	.0	.0
JUL	100.0														309	.0	.0	.0
AUG	100.0														310	.0	.0	.0
SEP	100.0														300	.0	.0	.0
OCT	100.0														310	.0	.0	.0
NOV	84.0	12.3	2.7		.7				.3					3.7	300	1.6	10.5	.0
DEC	71.0	16.8	4.2	3.9	2.6	1.3	.3							12.3	310	4.4	13.0	.0
ANNUAL	89.8	7.2	1.3	.9	.5	.1	.1	.1	.1	.0				3.1	3649	15.9		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
38													
39													
40													
41													
42													
43													
44													
45													
46	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1
47	1.0	3.2	5.8	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	5.8
48	3.0	2.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	(3.0)	4.0
49	1.0	TRACE	3.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
50	.8	.6	TRACE	.3	.0	.0	.0	.0	.0	.0	.6	1.9	1.9
51	5.0	1.4	.9	1.1	.0	.0	.0	.0	.0	TRACE	(9.7)	(2.9)	9.7
52	2.4	TRACE	1.2	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.5	2.4
53	2.4	TRACE	5.1	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.1
54	.3	TRACE	TRACE	TRACE	.0	.5	.0	.0	.0	TRACE	.7	1.7	1.7
55	1.3	TRACE	5.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1	5.4
56	2.2	4.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	.3	TRACE	4.0
57	1.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.2
58	.7	.1	2.8	.0	.0	.0	.0	.0	.0	.0	4.0	1.1	4.0
59	1.2	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	1.7	.2	1.7
60	1.0	4.8	5.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	5.7
61	3.3	7.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.9	2.2	7.4
62	(7.0)	1.8	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	7.0
63	.9	1.5	1.0	TRACE	.0	.0	.0	.0	.0	.0	*TRACE	(3.0)	3.0
64	4.3	6.0	4.8	TRACE	.0	.0	.0	.0	.0	.0	.7	.8	6.0
65	4.6	5.4	3.8	.0	.0*	.0	.0	.0	.0	.0	TRACE	TRACE	5.4
66	1.9	(12.1)	.3	TRACE*	.0	.0	.0	.0	.0	.0	TRACE	.3	12.1
67	.9	.3	.7	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0
MEAN													
S.D													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
68	3.8	.4	7.3	.0	.0	.0*	.0*	.0	.0	.0	TRACE	.1	7.3
69	.2	.5	*TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
70	.8	2.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	4.1
71	TRACE	1.0	1.2*	9.5	.0	.0	.0	.0	.0	.0	2.0	.0	* 9.5
72	2.5	1.0	TRACE	*TRACE	.0	.0	.0	.0	.0	.0	2.2	2.7	2.7
MEAN	2.08	2.06	2.29	.44	.00	.00	.00	.00	.00	TRACE	.93	1.14	4.67
S D.	1.702	2.798	2.289	1.832	.000	.000	.000	.000	.000	.000	2.009	1.115	2.838
TOTAL OBS.	837	763	836	808	825	809	836	822	810	837	803	837	9823

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

CL/2169
22 NOV 76

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 STATION — SCOTT AFB IL/BELLEVILLE STATION NAME — 10YR 66-75 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66	1.9	12.1	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	12.1
67	.9	.3	.7	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0
68	3.8	.4	7.3	.0	.0	.0*	.0	.0	.0	.0	.4	1.1	7.3
69	2.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	5.0
70	.8	2.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	4.1
71	TRACE	1.0	1.2*	9.5	.0	.0	.0	.0	.0	.0	.2	.0	* 9.5
72	2.3	.2	TRACE*	TRACE	.0	.0	.0	.0	.0	.0	2.2	2.7	2.7
73	1.3	2.0	1.0	.6	.0	.0	.0	.0	.0	.0	.0	4.2	4.2
74	TRACE	5.3	4.5	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6	5.3
75	.1	.1	.3	TRACE	.0	.0	.0	.0	.0	.0	10.3	3.2	10.3
MEAN	1.39	2.84	1.94	1.01	.00	.00	.00	.00	.00	.00	1.33	1.84	6.15
S.D	1.257	3.773	2.491	2.989	.000	.000	.000	.000	.000	.000	3.223	1.492	3.553
TOTAL OBS.	310	282	310	298	310	300	309	310	300	310	300	310	3649

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 44 0-88-5 (OL1)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

CL 12169
22 NOV 76

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB IL/BELLEVILLE 20YR 56-75
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56	2.2	4.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	.3	TRACE	4.0
57	1.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.2
58	.7	.1	2.8	.0	.0	.0	.0	.0	.0	.0	4.0	1.1	4.0
59	1.2	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	1.7	.2	1.7
60	1.0	4.2	5.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	5.7
61	3.2	7.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.9	2.2	7.4
62	7.0	1.8	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	7.0
63	.0	1.5	1.0	TRACE	.0	.0	.0	.0	.0	.0*	TRACE	3.0	3.0
64	4.3	6.0	4.8	TRACE	.0	.0	.0	.0	.0	.0	.7	.8	6.0
65	4.4	5.4	3.8	.0	.0*	.0	.0	.0	.0	.0	TRACE	TRACE	5.4
66	.9	12.1	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	12.1
67	.9	.3	.7	.0	.0	.0	.0	.0	.0	.0	.2	1.0	1.0
68	3.8	.4	7.3	.0	.0	.0*	.0	.0	.0	.0	.4	1.1	7.3
69	2.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	5.0
70	.8	2.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	4.1
71	TRACE	1.0	1.2*	9.5	.0	.0	.0	.0	.0	.1	.2	.0	* 9.5
72	2.5	.2	TRACE*	TRACE	.0	.0	.0	.0	.0	.0	2.2	2.7	2.7
73	1.5	2.0	1.0	.6	.0	.0	.0	.0	.0	.0	.0	4.2	4.2
74	TRACE	5.3	4.5	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6	5.3
75	.1	.1	.3	TRACE	.0	.0	.0	.0	.0	.0	10.3	3.2	10.3
MEAN	2.92	2.97	2.08	.31	.00	.00	.00	.00	.00	.00	1.05	1.44	5.35
S D	1.808	3.219	2.203	2.181	.000	.000	.000	.000	.000	.000	2.402	1.296	2.967
TOTAL OBS	620	565	620	598	620	599	619	620	600	620	593	620	7294

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM NO. 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 43-72 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	SSE 48	W 46	SSE 56	WNW 44		S 38	S 35	NNW 51	SSW 31	NNW 40	NW 43	N 39	56
47	WSW 35	NW 47	WNW 61	SE 55	WNW 47	WSW 51	W 36	E *23	NNW 38	NNW*30	WNW 36	WNW 36	WNW 61
48	WSW 38	SSE 53	SSW 66	S 37	W 45	W 62	WSW 53	ENE 29	NW 30	W 36	NW 41	WSW 51	SSW 66
49	WSW 43	SSE 35	N 42	W 46	NNE 49	SSE 29	NNE 32	W 33	SW 29	SW 32	NW 29	NW 35	NNE 49
50	S 47	NNW 32	NW 52	WNW 46	WNW 38	WSW 32	WSW 45		WNW 35	SE 25	NW 38	SSW 50	52
51	WNW 45	N 47	WNW 51	SSW 43	WNW 42	SE 47	WNW 36	NW 40	NNW 38	WNW 34	SSW 56	SSW 43	SSW 56
52	SW 45	WNW 43	SE 44	NNW 38	W 75	NNE 47	SW 37	NNW 32	S 38	NE 33	SW 56	SW 38	W 75
53	SSW 37	WNW 47	S 50	E 69	SSE 57	NNE 44	E 40	NNW 39	NNW 37	SSE 32	S 45	SW 45	E 69
54	NNW 34	E 46	SSW 43	NNW 51	WSW 51	SSW 41	N 43	NNE 37	NW 49	WNW 32	WNW 36	WNW 36	NNW 51
55	W 45	S 38	NW 36	SW 43	E 48	NW 35	WNW 46	SSW 45	WSW 46	W 41	NNW 44	W 40	E 48
56	NW 36	WNW 60	SSW 48	WNW 53	WNW 54	NNW 49	NNW 42	S 47	WNW 42	SSW 31	SSE 45	WNW 31	WNW 60
57	WNW 37	WNW 39	WSW 55	WSW 50	SE 71	WNW 45	NW 61	SSW 31	SE 24	SSE 38	W 33	WNW 35	SE 71
58	N 32	ESE 35	E 29	W 47	SW 28	NW 34	SW 34	NNE*32	W 24	S 24	NW 35	WNW 21	W 47
59	W 32	W 39	WSW 40	NW 34	SW 38	SSW 29	NNW 23	W 37	S 30	W 37	W 32	S 28	WSW 40
60	W *28	WSW 48	W 38	WNW 39	SE 39	NE 51	WNW 23	NW 24	WNW 22	WSW 29	NW 30	N 30	NE 51
61	NNW*23	WNW 28	WSW 40	NW 37	NNW 38	W 28	SW 34	WSW 27	NW 33	W *27	S *42	WNW*29	S *42
62	SSE 33	NW 36	SSE 31	WNW 34	SW 54	W 41	NW 23	WSW 52	WNW 28	NW 27	NW 29	WNW 30	WSW 52
63	WNW 31	NNW 42	W 38	WSW 42	WNW 34	*43	N *35	N 30	N *25	W *24	SSE*33	WSW 35	N *43
64	W 36	SW 35	NW 43	SSW 47	SSW 33	W 35	SE 26	S 36	WNW 25	NNW 30	WSW 42	NW 26	NW 43
65	WSW 39	NW 38	W 42	WSW 38	W 30	NNW*34	WSW 37	SSW 50	SW 35	WNW*31	W *40	WSW 40	W 50
66	S 28	S 31	W *36	WNW 40	N 28	NNE*26	NNW*29	ESE 21	ENE*20	E *28	ENE 37	NNW 27	WNW 40
67	NNW*38	E *29	N 32	WNW 34	W 35	*20	NNW 34	NNE*41	WNW 44	SW 54	SE 30	NNW 42	SW 54
68	NW 20	NW 30	S 39	W 40	WNW 33	SW 33	27/ 40	32* 22	16/ 28	16/ 33	16/ 46	27/ 45	16/ 46
69	30/ 35	32/ 33	7/ 45	16/ 39	29/ 51	06/ 48	06/ 35	28/ 29	33/ 31	25/ 38	18/ 35	28/ 34	29/ 51
70	32/ 39	17/ 32	31/ 32	27/ 37	33/ 48	32/ 44	1/ 38	2/ 26	24/ 30	15/ 44	31/ 40	28/ 43	33/ 48
71	31/ 49	26/ 44	28/ 50	25/ 37	29/ 38	31/ 42	30/ 44	3/ 26	36/ 32	19/ 30	24/ 39	22/ 50	28/ 50
72	27/ 42	33/ 37	30/ 35	3/ 36	27/ 41	31/ 45	29/ 28	32/ 40	5/ 30	18/ 29	30/ 28	31/ 34	3/ 36
MEAN	37.7	39.5	43.0	43.8	43.5	39.7	36.7	34.5	32.4	33.3	38.8	36.8	52.9
S D.	8.096	8.842	9.275	7.711	12.0	9.375	8.801	9.322	7.354	7.332	7.550	7.767	9.725
TOTAL OBS.	812	753	831	804	783	761	812	756	791	797	772	826	9497

NOTES * (BASED ON 5 FULL MONTHS)
$ (BASED ON 5 FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

[redacted]
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV.	DEC.	ALL MONTHS
38													
39													
40													
41													
42													
43													
44													
45													
46	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1
47	2.6	4.0	12.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	21.6
48	8.0	6.3	4.6	.0	.0	.0	.0	.0	.0	.0	.0	6.0	24.9
49	1.1	TRACE	8.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.6
50	1.3	1.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.7	4.4	7.9
51	6.0	3.7	2.8	1.1	.0	.0	.0	.0	.0	TRACE	12.7	2.9	29.2
52	4.3	TRACE	1.4	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.5	9.2
53	3.7	TRACE	5.4	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.1
54	.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	.7	2.3	3.3
55	4.0	TRACE	7.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1	11.2
56	8.7	8.5	1.7	TRACE	.0	.0	.0	.0	.0	.0	.6	TRACE	19.5
57	1.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.5
58	.7	.1	4.8	.0	.0	.0	.0	.0	.0	.0	5.0	1.3	11.9
59	2.4	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	3.1	.3	6.7
60	2.6	8.3	20.4	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	34.3
61	5.8	12.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	3.8	23.1
62	13.7	3.7	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.8	20.5
63	2.2	2.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	*TRACE	4.3	* 9.5
64	9.2	9.8	5.8	TRACE	.0	.0	.0	.0	.0	.0	.7	.3	26.3
65	9.7	7.4	8.7	.0	.0*	.0	.0	.0	.0	.0	TRACE	TRACE	* 25.8
66	2.6	13.9	.3	TRACE*	.0	.0	.0	.0	.0	.0	TRACE	.3	* 17.1
67	1.5	.5	1.4	.0	.0	.0	.0	.0	.0	.0	.2	2.7	6.3
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OL1)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
68	6.6	.7	7.6	.0	.0	.0*	.0*	.0	.0	.0	TRACE	.1	* 15.0
69	.2	.5	*TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	13.0	13.7
70	1.7	4.0	4.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	10.7
71	TRACE	1.8	1.4*	17.6	.0	.0	.0	.0	.0	.0	2.2	.0	* 23.0
72	4.5	1.4	TRACE*	TRACE	.0	.0	.0	.0	.0	.0	4.6	10.0	* 20.5
MEAN	3.93	3.34	3.81	.74	.00	.00	.00	.00	.00	TRACE	1.25	2.29	15.35
S.D	3.478	4.144	4.714	3.361	.000	.000	.000	.000	.000	.000	2.683	3.168	5.601
TOTAL OBS	837	763	836	808	825	809	836	822	810	837	803	837	9823

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

CL12169
22NOV76

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 STATION — SCOTT AFB IL/BELLEVILLE STATION NAME — 20YR 66-75 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66	2.6	13.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	17.1
67	1.5	.5	1.4	.0	.0	.0	.0	.0	.0	.0	.2	2.7	6.3
68	6.6	.7	7.6	.0	.0	.0*	.0	.0	.0	.0	.5	1.6	17.0
69	2.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	13.0	20.4
70	1.7	4.0	4.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	10.7
71	TRACE	1.8	1.4*	17.6	.0	.0	.0	.0	.0	.0	.4	.0	21.2
72	3.9	.5	TRACE*	TRACE	.0	.0	.0	.0	.0	.0	4.6	10.0	19.0
73	3.7	4.0	1.0	.6	.0	.0	.0	.0	.0	.0	.0	8.1	17.4
74	TRACE	5.5	5.2	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6	13.3
75	.2	.1	.4	TRACE	.0	.0	.0	.0	.0	.0	10.5	4.9	16.1
MEAN	2.28	3.60	2.20	1.82	.00	.00	.00	.00	.00	.00	1.62	4.35	15.85
S D	2.084	4.151	2.660	5.548	.000	.000	.000	.000	.000	.000	3.426	4.548	4.580
TOTAL OBS	310	282	310	208	310	300	309	310	300	310	300	310	3649

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

CL12169
22NOV76

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB IL/BELLEVILLE — 20 YR 56-75
STATION — STATION NAME — YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56	8.7	8.5	1.7	TRACE	.0	.0	.0	.0	.0	.0	.6	TRACE	19.5
57	1.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.5
58	.7	.1	4.8	.0	.0	.0	.0	.0	.0	.0	5.0	1.3	11.9
59	2.4	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	3.1	.3	6.7
60	2.6	8.3	20.4	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	34.3
61	9.8	12.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	3.8	23.1
62	13.7	3.7	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.8	20.5
63	2.2	2.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	*TRACE	4.3	9.5
64	9.2	9.8	5.8	TRACE	.0	.0	.0	.0	.0	.0	.7	.8	26.3
65	9.7	7.4	8.7	.0	.0*	.0	.0	.0	.0	.0	TRACE	TRACE	25.8
66	2.6	13.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	17.1
67	1.5	.5	1.4	.0	.0	.0	.0	.0	.0	.0	.2	2.7	6.3
68	6.6	.7	7.6	.0	.0	.0*	.0	.0	.0	.0	.5	1.6	17.0
69	2.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	13.0	20.4
70	1.7	4.0	4.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	10.7
71	TRACE	1.8	1.4*	17.6	.0	.0	.0	.0	.0	.0	.4	.0	21.2
72	3.9	.5	TRACE	*TRACE	.0	.0	.0	.0	.0	.0	4.6	10.0	19.0
73	3.7	4.0	1.0	.6	.0	.0	.0	.0	.0	.0	.0	8.1	17.4
74	TRACE	5.5	5.2	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6	13.3
75	.2	.1	.4	TRACE	.0	.0	.0	.0	.0	.0	10.5	4.9	16.1
MEAN	3.96	4.41	3.38	.91	.00	.00	.00	.00	.00	.00	1.34	2.94	16.93
S D.	3.792	4.330	4.824	3.991	.000	.000	.000	.000	.000	.000	2.644	3.617	7.676
TOTAL OBS.	620	565	620	598	620	599	619	620	600	620	593	620	7294

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 44 0-88-5 (OL)

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02-.05	.06 .10	.11 .25	.26-.50	.51-1 00	1.01-2 50	2 51-5 00	5 01 10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5-1 4	1.5-2 4	2 5 3 4	3.5-4 4	4 5 6 4	6.5 10 4	10 5-15 4	15 5 25.4	25 5-50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49 60	61 120	OVER 120					
JAN	70.6	11.7	6.5	3.8	3.3	3.4	.7							17.8	1047			
FEB	76.8	12.7	2.8	2.6	1.4	2.4	1.3							10.5	952			
MAR	87.9	5.5	1.2	1.5	1.0	1.7	1.0	.2						6.5	1085			
APR	99.1	.6			.1		.2							.3	1048			
MAY	100.0														1073			
JUN	100.0														1049			
JUL	100.0														1083			
AUG	100.0														1070			
SEP	100.0														1048			
OCT	100.0														1084			
NOV	96.1	2.1	.7	.5	.1	.4	.1							1.7	1038			
DEC	81.5	9.6	2.6	3.1	1.7	1.2	.4							8.9	1085			
ANNUAL	92.7	3.5	1.1	1.0	.6	.8	.3	.0						3.8	12662			

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
38	*0	0	0*	0	0	0*	0	0	0	0*	0	0	*TRACE
39			TRACE	0	0	0	0	0	0	0	0	8	
40	8	TRACE	TRACE	0	0	0	0	0	0	0	0	0	8
41	4	2	TRACE	0	0	0	0	0	0	0	0	1	4
42	TRACE	2	3	0	0	0	0	0	0	0	0	4	4
43	TRACE	1	2	0	0	0	0	0	0	0	TRACE	2	2
44	2	4	2	0	0	0	0	0	0	0	0	5	5
45	2	6	TRACE	0	0	0	0	0	0	0	0	3	6
46	1	TRACE	0	0	0	0	0	0*	0	0	0	TRACE	1
47	1	1	6	0	0	0	0	0*	0	0	*TRACE	2	6
48	3	2	5	0	0	0	0	0	0*	0	0	5	5
49	1	TRACE	4	0	0	0	0	0	0	0	0	TRACE	4
50	TRACE	1	TRACE	0	0	0	0	0	0	0	TRACE	2	2
51	TRACE	5	4	0	0	0	0	0	0	0	9	3	9
52	TRACE	TRACE	1	0	0	0	0	0	0	0	2	2	2
53	1	0	5	TRACE	0	0	0	0	0	0	0	TRACE	5
54	TRACE	0	TRACE	TRACE	0	0	0	0	0	0	1	2	2
55	1	TRACE	3	0	0	0	0	0	0	0	TRACE	0	3
56	3	6	2	TRACE	0	0	0	0	0	0	TRACE	TRACE	6
57	1	1	TRACE	TRACE	0	0	0	0	0	0	TRACE	1	1
58	TRACE	7	3	0	0	0	0	0	0	0	4	1	7
59	2	TRACE	0	0	0	0	0	0	0	0	2	TRACE	2
60	1	6	16	0	0	0	0	0	0	0	0	3	16
61	3	8	0	0	0	0	0	0	0	0	1	3	8
62	6	2	TRACE	0	0	0	0	0	0	0	0	1	6
63	2	1	3	0	0	0	0	0	0	0	0*	3	3
64	10	4	5	0	0	0	0	0	0	0	1	1	10
65	5	5	4	0	0*	0	0	0	0	0	0	0	5
66	1	12	0	0*	0	0	0	0	0	0	0	0	12
67	1	0	1	0	0	0	0	0	0	0	0	2	2
MEAN													
S D.													
TOTAL OBS													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-83-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
68	6	0	5	0	0	0*	0*	0	0	0	TRACE	TRACE	6
69	2	1	3	0	0	0	0	0	0	0	1	7	7
70	7	3	2	TRACE	0	0	0	0	0	0	0	TRACE	7
71	TRACE	TRACE	TRACE	11	0	0	0	0	0	0	1	0	11
72	2	1	0	0	0	0	0	0	0	0	TRACE	2	2
MEAN	2.2	2.4	2.3	.3	.0	.0	.0	.0	.0	.0	.0	1.8	5.3
S D	2.539	2.944	3.090	1.859	.000	.000	.000	.000	.000	.000	1.682	2.055	3.532
TOTAL OBS.	1047	952	1085	1048	1073	1049	1083	1070	1048	1084	1038	1085	12662

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88 5 (OLI)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

   NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

   a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

   b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

   NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

74-29962

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	2.1	.8	.1	.0	.0	.0				6.0	7.1
NNE	.8	1.2	1.4	.5	.1	.0	.0					4.0	7.0
NE	1.0	1.4	1.6	.6	.1	.0	.0					4.6	7.0
ENE	.6	1.0	1.1	.4	.1	.0	.0					3.2	7.1
E	1.1	1.4	1.4	.4	.1	.0	.0					4.3	6.5
ESE	.6	.9	1.1	.4	.1	.0	.0	.0				3.1	7.0
SE	1.1	1.5	1.8	.6	.1	.0	.0	.0				5.2	7.1
SSE	1.0	1.9	2.5	1.2	.3	.1	.0	.0				6.9	8.1
S	1.7	2.9	3.7	1.8	.3	.1	.0	.0				10.6	7.8
SSW	.9	1.6	2.3	1.1	.3	.1	.0	.0	.0			6.2	8.2
SW	1.0	1.4	1.7	.6	.1	.0	.0	.0				4.9	7.2
WSW	.6	1.0	1.2	.5	.2	.0	.0	.0				3.6	7.9
W	.8	1.3	1.9	1.0	.4	.1	.0	.0				5.4	8.8
WNW	.4	.9	1.9	1.7	.7	.2	.1	.0	.0	.0		5.9	11.1
NW	.7	1.3	2.5	1.9	.6	.2	.0	.0				7.1	9.9
NNW	.6	1.2	2.0	1.2	.2	.0	.0					5.2	8.8
VARBL													
CALM												13.8	
	14.0	22.7	30.0	14.8	3.6	.9	.2	.0	.0	.0		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 303568

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	2.3	1.3	.3	.0						6.5	8.2
NNE	.5	1.0	1.4	.6	.1	.0						3.7	7.7
NE	.7	.8	.9	.4	.1	.0						2.9	6.9
ENE	.4	.7	.6	.2	.0	.0						2.0	6.8
E	.8	.9	1.0	.3	.0							3.1	6.5
ESE	.5	.8	1.1	.4	.1							2.8	7.4
SE	.9	1.4	1.8	.6	.1	.0	.0					4.9	7.2
SSE	.9	1.7	2.4	1.5	.5	.1	.0					7.1	8.8
S	1.5	2.5	3.6	2.2	.5	.1						10.3	8.3
SSW	.7	1.4	2.2	1.5	.3	.0	.0					6.1	8.9
SW	.9	1.2	1.3	.4	.1	.0	.0					4.0	7.0
WSW	.6	.9	1.1	.5	.2	.0	.0					3.3	7.9
W	.8	1.2	2.2	1.1	.5	.1	.1	.0				5.9	9.4
WNW	.4	1.2	2.8	2.8	1.4	.5	.1	.0	.0	.0		9.3	12.0
NW	1.0	1.9	4.0	3.2	.8	.4	.1					11.5	10.4
NNW	.7	1.5	2.9	2.4	.5	.1						8.0	9.5
VARB.													
CALM												8.6	
	12.3	20.5	31.8	19.5	5.4	1.5	.4	.0	.0	.0		100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 25097

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	3.1	1.4	.2	.0	.0	.0				7.7	7.9
NNE	.6	1.0	1.5	.7	.1	.0						4.1	7.9
NE	.8	1.2	1.7	.7	.1	.0						4.4	7.6
ENE	.4	1.0	1.5	.7	.1	.0						3.7	8.0
E	1.0	1.4	1.6	.6	.0							4.6	6.9
ESE	.7	1.1	1.3	.6	.1	.0						3.7	7.5
SE	.9	1.4	1.9	.9	.1	.0	.0					5.2	7.7
SSE	.6	1.2	2.1	1.3	.4	.1	.0	.0				5.7	9.2
S	1.1	2.0	3.6	1.9	.3	.0						9.0	8.5
SSW	.6	1.1	1.8	1.2	.3	.1	.0					5.1	9.3
SW	.6	.9	1.0	.5	.2	.0	.0					3.2	7.9
WSW	.5	.8	1.0	.6	.2	.0	.0					3.0	8.6
W	.7	1.1	1.6	1.4	.5	.2	.0	.0				5.6	10.0
WNW	.4	1.2	2.4	2.5	1.2	.5	.2	.0				8.3	12.3
NW	.8	1.6	3.5	3.3	1.1	.4	.2	.0				10.9	11.1
NNW	.5	1.5	2.7	2.3	.7	.1	.0					7.9	10.2
VARBL													
CALM												7.6	
	11.3	20.3	32.2	20.5	5.7	1.7	.4	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 22891

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAS
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	2.3	1.3	.2	.0						6.2	8.5
NNE	.5	1.0	1.6	1.0	.2	.0						4.4	8.6
NE	.7	1.2	1.8	.9	.3	.0						4.9	8.4
ENE	.5	1.0	1.4	.9	.2	.1						4.1	9.0
E	.8	1.2	2.0	1.0	.2	.0						5.2	8.1
ESE	.5	1.0	1.2	.6	.1	.0						3.4	7.9
SE	.7	1.2	2.1	1.2	.3	.1	.0					5.5	9.0
SSE	.5	1.3	2.6	2.2	.7	.2	.0					7.4	10.2
S	1.0	1.6	3.3	2.5	.8	.3	.0					9.5	9.9
SSW	.5	.9	1.6	1.4	.5	.1						5.1	10.1
SW	.8	1.0	1.2	.5	.2	.0		.0				3.7	7.6
WSW	.5	.8	1.2	.8	.3	.1	.0	.0				3.6	9.4
W	.6	1.0	1.8	1.8	1.0	.4	.1	.0				6.6	11.3
WNW	.4	.8	2.1	2.9	1.7	.7	.2	.0				8.7	13.5
NW	.6	1.3	2.9	3.0	1.1	.3	.0					9.2	11.1
NNW	.4	1.1	2.3	1.7	.4	.1	.0					5.9	9.7
VARBL													
C M												6.5	
	9.5	18.0	31.5	23.6	8.1	2.4	.4	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 25938

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	2.4	1.2	.2	.0	.0					5.9	8.3
NNE	.5	1.0	1.5	.7	.1	.0						3.9	8.1
NE	.8	1.2	2.1	1.2	.3	.0	.0					5.6	8.6
ENE	.5	1.0	1.6	.8	.1	.0						4.2	8.3
E	.9	1.5	1.9	1.1	.2	.0	.0					5.8	7.9
ESE	.6	1.0	1.7	.9	.2	.0	.0	.0				4.4	8.6
SE	.8	1.3	2.3	1.2	.3	.0	.0					6.0	8.6
SSE	.5	1.4	3.1	2.3	.7	.2	.0					8.3	10.2
S	1.0	2.1	3.9	3.1	.8	.2	.0	.0				11.0	9.7
SSW	.5	1.1	2.1	1.4	.4	.1	.0	.0				5.6	9.5
SW	.6	.9	1.4	.8	.2	.1	.0					3.9	8.6
WSW	.4	.7	1.2	.6	.4	.2	.0	.0				3.5	10.0
W	.5	1.1	1.8	1.2	.8	.3	.0	.0				5.5	10.7
WNW	.2	.9	2.0	2.3	1.2	.3	.0	.0				6.9	12.2
NW	.5	1.0	2.4	2.4	.8	.2	.0					7.4	10.9
NNW	.4	.9	1.9	1.4	.3	.0	.0					5.0	9.6
VARBL													
CALM												7.2	
	9.4	18.5	33.2	22.6	7.0	1.7	.2	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 25024

USAFETAC FORM 0-8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	1.6	.5	.0	.0						4.8	6.4
NNE	.8	1.3	1.7	.5	.1	.0						4.3	7.0
NE	1.0	1.6	1.8	.8	.1	.0						5.2	7.1
ENE	.7	1.1	1.2	.4	.0	.0	.0					3.4	6.8
E	1.1	1.4	1.5	.4	.1							4.5	6.4
ESE	.5	.9	1.2	.5	.0	.0	.0					3.3	7.4
SE	1.0	1.6	2.1	.9	.1	.0		.0				5.7	7.4
SSE	1.0	2.1	2.8	1.4	.2	.1	.0					7.5	8.1
S	1.6	3.2	3.7	2.1	.4	.1						11.1	8.0
SSW	.8	1.6	2.4	1.4	.3	.1	.0		.0			6.7	8.5
SW	1.0	1.4	2.0	.8	.2	.0						5.4	7.4
WSW	.6	1.2	1.5	.7	.1	.0	.0					4.1	7.8
W	.7	1.3	2.2	.9	.3	.1	.0	.0				5.6	8.6
WNW	.4	.8	1.8	1.3	.5	.2	.0	.0	.0			4.9	10.6
NW	.5	1.1	2.0	1.3	.5	.1	.1					5.6	9.9
NNW	.4	1.0	1.7	.8	.2	.0						4.0	8.5
VARBL													
CALM												13.9	
	13.2	23.2	31.2	14.7	2.9	.7	.1	.0	.0			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 25887

USAFETAC FORM JUL 64 0-8-5 (OL A) PREV. EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.5	.4	.0		.0					4.6	6.2
NNE	.8	1.3	1.2	.2	.0	.0	.0					3.6	6.2
NE	1.1	1.6	1.5	.3	.0		.0					4.4	6.0
ENE	.7	1.1	1.2	.3	.0	.0						3.3	6.5
E	1.0	1.6	1.3	.2	.1	.0	.0					4.1	6.0
ESE	.6	1.0	1.0	.3	.0	.0						3.0	6.6
SE	1.4	1.6	1.9	.5	.0	.0						5.5	6.4
SSE	1.4	2.2	2.6	.8	.1	.0						7.2	6.9
S	2.0	3.7	3.8	1.1	.1	.0						10.7	6.7
SSW	1.2	2.4	3.7	1.4	.3	.0						9.1	7.9
SW	1.3	2.1	2.7	1.3	.2	.0						7.7	7.6
WSW	.8	1.4	2.0	.8	.2	.0		.0				5.3	7.9
W	.8	1.5	1.9	.7	.1	.0	.0					5.1	7.5
WNW	.3	.7	1.2	.8	.2	.0	.0	.0				3.3	9.2
NW	.6	.9	1.6	.7	.1	.0		.0				3.9	8.1
NNW	.4	.8	1.4	.5	.1	.0						3.1	7.9
VARBL													
CALM												15.9	
	15.6	25.5	30.6	10.4	1.7	.3	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 24776

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	1.8	.3	.0	.0						5.9	5.7
NNE	1.1	1.5	1.2	.3	.0	.0						4.1	5.8
NE	1.4	1.8	1.7	.4	.1	.0						5.3	6.1
ENE	.8	1.1	1.1	.3	.0	.0						3.3	6.3
E	1.5	1.6	1.2	.2	.0	.0						4.5	5.4
ESE	.7	.9	.9	.1	.0							2.7	5.8
SE	1.5	1.6	1.3	.2	.0	.0						4.6	5.5
SSE	1.4	2.4	1.8	.3	.0	.0						5.8	5.8
S	2.5	3.8	2.8	.7	.0							9.7	5.8
SSW	1.2	2.3	2.1	.6	.1	.0						6.2	6.5
SW	1.7	2.1	2.2	.5	.1	.0						6.6	6.2
WSW	.9	1.3	1.5	.4	.0	.0						4.1	6.6
W	1.1	1.5	1.8	.4	.0	.0						4.9	6.6
WNW	.4	.7	1.1	.3	.1	.0						2.8	7.4
NW	.8	1.1	1.6	.6	.1	.0						4.1	7.3
NNW	.7	1.2	1.5	.4	.0	.0						3.8	6.9
VARBL													
CALM												21.7	
	19.1	26.9	25.6	5.9	.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 25874

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	2.0	.5	.0							6.7	5.9
NNE	1.4	1.8	1.4	.3	.0							4.9	5.6
NE	1.8	2.1	2.0	.3	.1	.0	.0					6.2	5.9
ENE	1.0	1.4	1.2	.2	.0							3.7	5.8
E	1.5	1.8	1.7	.3	.0							5.3	5.7
ESE	.7	1.1	.9	.2	.0							3.0	6.0
SE	1.4	1.7	1.6	.2	.0							5.0	5.8
SSE	1.4	2.0	2.0	.3	.0	.0						5.8	6.0
S	2.5	3.7	2.7	.6	.0	.0						9.5	5.7
SSW	1.2	1.9	2.0	.4	.0	.0	.0					5.6	6.3
SW	1.2	1.6	1.7	.3	.0	.0						4.8	6.1
WSW	.6	.9	1.1	.2	.0							2.9	6.5
W	1.0	1.1	1.4	.4	.0							4.0	6.4
WNW	.4	.7	.8	.3	.0	.0						2.3	7.1
NW	.8	1.0	1.3	.4	.0	.0	.0					3.6	6.7
NNW	.7	1.2	1.4	.3	.0	.0	.0					3.7	6.7
VARBL													
CALM												22.9	
	19.6	26.5	25.3	5.2	.4	.0	.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 25977

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	2.1	.7	.0	.0						6.9	6.4
NNE	1.2	1.5	1.7	.4	.1	.0						4.8	6.4
NE	1.3	1.9	2.3	.6	.1	.0						6.2	6.9
ENE	.8	1.2	1.0	.2	.1	.0						3.4	6.3
E	1.3	1.5	1.1	.3	.0							4.2	5.6
ESE	.8	.9	.7	.2	.0							2.6	5.7
SE	1.4	1.7	1.7	.3	.0	.0						5.2	5.9
SSE	1.4	2.4	2.4	.7	.1	.0						6.9	6.5
S	2.2	3.5	3.8	1.3	.2	.0						11.0	6.7
SSW	1.0	1.6	2.3	.9	.1	.0	.0					5.9	7.4
SW	1.1	1.5	1.6	.4	.1	.0	.0					4.7	6.6
WSW	.5	.9	.7	.2	.1	.0						2.4	6.5
W	.9	1.2	1.2	.4	.1	.0						3.8	6.7
WNW	.4	.6	.9	.5	.1	.0						2.5	8.2
NW	.7	1.2	1.8	.9	.2	.0	.0					4.8	8.1
NNW	.8	1.3	1.6	.7	.1	.0	.0					4.5	7.5
VARBL													
CALM												20.4	
	17.3	25.1	27.0	8.8	1.2	.1	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 25134

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	1.9	.8	.1	.0						6.1	6.7
NNE	.8	1.4	1.5	.3	.0							4.0	6.4
NE	1.0	1.5	1.6	.4	.1	.0						4.6	6.6
ENE	.5	.9	.9	.2	.0							2.5	6.1
E	1.1	1.3	1.0	.1	.0							3.5	5.4
ESE	.7	1.1	.8	.1	.0							2.7	5.8
SE	1.4	1.9	1.3	.3	.0	.0						5.0	5.8
SSE	1.1	2.1	2.5	1.0	.1	.0						6.9	7.4
S	2.0	3.4	4.1	1.7	.2	.1						11.5	7.3
SSW	.9	1.7	2.5	.9	.2	.0						6.1	7.7
SW	1.1	1.4	1.6	.7	.2	.0						5.0	7.2
WSW	.7	1.1	1.1	.4	.0	.0	.0					3.3	6.8
W	.8	1.4	1.8	.8	.1	.0	.0					4.9	7.7
WNW	.5	1.0	1.9	1.2	.3	.1	.0	.0				5.0	9.4
NW	.7	1.3	2.2	1.4	.3	.1	.0					6.1	8.9
NNW	.5	1.2	1.9	1.0	.1	.0						4.7	8.3
VARBL													
CALM												18.2	
	15.0	24.6	28.6	11.3	1.9	.3	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 25952

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	1.7	.7	.1	.0						5.0	7.1
NNE	.4	.8	1.1	.3	.1	.0						2.7	7.3
NE	.5	.8	.9	.3	.1	.0						2.6	7.0
ENE	.4	.5	.5	.2	.1	.0						1.8	7.3
E	.9	1.0	.9	.3	.0		.0					3.1	6.1
ESE	.5	.8	.9	.3	.1	.0						2.6	7.1
SE	.7	1.2	1.5	.4	.1	.1	.0	.0				4.1	7.5
SSE	.8	1.7	2.6	1.6	.3	.1	.0					7.0	8.7
S	1.7	3.0	4.6	2.7	.6	.1	.0					12.6	8.5
SSW	.8	1.4	2.2	1.4	.4	.1	.0					6.2	9.0
SW	1.1	1.4	1.7	.5	.2	.1	.0	.0				5.1	7.4
WSW	.6	1.1	1.2	.4	.2	.1	.0	.0				3.7	7.8
W	.8	1.6	2.5	1.4	.5	.1	.0					6.9	9.1
WNW	.5	1.2	2.8	2.7	1.0	.3	.0	.0				8.6	11.2
NW	.7	1.7	3.3	2.7	.9	.2	.0					9.6	10.2
NNW	.5	1.1	2.2	1.4	.3	.1	.0					5.7	9.2
VARBL													
CALM												12.8	
	12.0	20.9	30.7	17.4	4.9	1.2	.2	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 25111

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.1	1.0	.2	.0	.0					5.9	7.7
NNE	.6	.8	1.1	.7	.1	.0						3.3	7.9
NE	.5	1.0	1.1	.5	.1	.0						3.2	7.4
ENE	.5	.8	1.0	.4	.1	.0						2.8	7.4
E	.7	1.4	1.1	.4	.1	.0						3.7	6.7
ESE	.6	.8	1.3	.5	.0	.0						3.3	7.2
SE	1.0	1.5	1.8	.8	.1	.0						5.2	7.4
SSE	.8	1.7	2.9	1.6	.3	.0						7.4	8.5
S	1.4	2.7	4.4	2.2	.3	.0	.0					11.0	8.2
SSW	1.0	1.4	2.3	1.2	.2	.0						6.1	8.2
SW	1.0	1.3	1.6	.5	.1	.0	.0					4.6	7.1
WSW	.6	.9	1.2	.5	.2	.1						3.6	8.2
W	.8	1.3	2.4	1.4	.5	.2	.0					6.7	9.6
WNW	.6	1.2	2.8	2.7	.9	.2	.0	.0				8.5	10.8
NW	.7	1.6	3.3	2.7	.8	.2	.0	.0				9.3	10.1
NNW	.6	1.4	2.5	1.6	.3	.0	.0					6.4	8.8
VARBL													
CALM												9.1	
	12.5	21.4	32.8	18.8	4.3	.9	.1	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 25907

USAFETAC FORM 0-8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	2.0	1.3	.4	.1						6.6	8.2
NNE	.5	1.0	1.3	.7	.0	.0						3.6	7.8
NE	.7	.7	.7	.4	.1							2.6	6.8
ENE	.8	.5	.8	.2	.0							2.3	6.2
E	.8	.9	.8	.4	.1							3.0	6.6
ESE	.4	.7	1.0	.2	.0							2.3	6.5
SE	.8	1.5	1.7	.5	.1		.0					4.7	7.0
SSE	.9	1.9	1.6	.4	.1	.0						4.9	6.8
S	2.0	3.0	3.4	1.5	.1	.0						10.1	7.0
SSW	.8	1.1	3.0	1.4	.1							6.4	8.5
SW	1.1	1.2	1.1	.4	.0							3.8	6.1
WSW	.8	1.1	.7	.4	.1	.0						3.1	6.8
W	1.3	1.4	2.0	1.4	.2	.0	.1	.0				6.5	8.4
WNW	.5	1.2	2.8	2.1	1.2	.5	.2	.1		.0		8.7	12.2
NW	1.1	2.2	3.9	3.2	.6	.3	.1					11.4	9.7
NNW	.7	1.5	3.5	2.4	.6							8.7	9.5
VARBL													
CALM												11.3	
	14.5	21.4	30.2	17.0	3.9	1.1	.4	.1		.0		100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 3127

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	2.3	1.2	.3							6.9	7.7
NNE	.3	.8	1.4	.5	.1	.0						3.1	8.3
NE	.6	.8	.8	.7	.0	.0						2.9	7.6
ENE	.3	.4	.4	.3	.0							1.4	7.8
E	.8	.7	1.2	.4								3.1	6.9
ESE	.6	.5	1.0	.2	.1							2.4	6.7
SE	1.1	1.5	1.5	.4	.0	.0						4.7	6.3
SSE	1.1	1.9	1.9	1.0	.1	.0	.0					6.1	7.6
S	1.6	2.8	3.3	1.5	.1							9.2	7.1
SSW	.9	1.9	1.6	1.3	.2							6.0	7.9
SW	1.1	1.0	1.3	.3	.0							3.8	6.1
WSW	.7	1.3	.8	.2	.0	.1	.0					3.0	6.5
W	1.1	1.7	2.4	.6	.4	.0						6.2	7.8
WNW	.5	.8	2.9	2.3	1.1	.5	.2		.0			8.4	12.0
NW	1.0	2.0	4.6	3.3	.6	.6	.1					12.2	10.2
NNW	.7	1.8	2.4	2.8	.4	.1						8.1	9.6
VARBL													
CALM												12.5	
	13.7	21.7	29.8	17.0	3.5	1.4	.4		.0			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3136

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4	2.1	1.2	.2	.0						6.0	8.1
NNE	1.0	1.0	1.5	.7	.1							4.2	7.3
NE	.9	.6	1.0	.4	.1							3.0	6.9
ENE	.4	.4	.6	.3	.1							1.8	7.5
E	.7	1.0	1.1	.3	.0							3.1	6.5
ESE	.4	.5	.8	.6								2.4	7.8
SE	1.2	1.3	1.6	.5		.0	.0					4.7	6.6
SSE	1.1	1.7	2.6	1.2	.3	.1						7.0	7.9
S	1.7	2.9	3.1	1.6	.2							9.4	7.3
SSW	.7	1.5	2.5	1.0	.3							6.1	8.2
SW	1.0	1.2	.8	.3								3.3	5.6
WSW	.7	1.1	1.4	.2	.0		.0					3.3	6.6
W	1.2	1.2	2.2	.9	.3	.2	.1					6.2	8.7
WNW	.7	1.1	2.5	2.4	1.0	.3	.1					8.1	11.2
NW	1.0	2.2	4.3	2.8	.8	.3	.1					11.6	9.8
NNW	.8	1.4	2.9	2.3	.6	.1						8.0	9.5
VARBL													
CALM												11.7	
	14.6	20.5	31.0	16.8	4.1	.9	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3144

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.5	1.3	.2	.0						5.7	8.5
NNE	.6	1.2	1.6	.6	.1							4.1	7.6
NE	.6	.7	.9	.4	.1							2.6	7.1
ENE	.4	.8	.9	.2	.0							2.4	6.5
E	.9	1.1	1.0	.4	.1							3.5	6.9
ESE	.3	.6	.9	.6	.1							2.5	8.4
SE	.7	.9	1.9	.7	.2	.1						4.4	8.1
SSE	.7	1.9	2.3	1.6	.5		.1					7.1	9.1
S	1.5	2.5	3.8	2.6	.6	.2						11.2	8.7
SSW	.4	1.6	2.9	2.4	.6	.1						8.0	10.0
SW	.7	1.8	1.7	.7	.1	.1						5.0	7.4
WSW	.4	1.0	1.5	.7	.2	.0	.0					3.8	8.7
W	.5	1.4	2.1	1.1	.4	.2	.1					5.7	9.7
WNW	.3	1.3	3.0	3.6	1.7	.7	.1					10.6	12.4
NW	.8	1.2	3.3	3.6	.8	.4	.1					10.2	11.2
NNW	.4	1.8	2.5	3.0	.6	.0						8.3	10.1
VARBL													
CALM												4.9	
	9.8	20.7	32.7	23.4	6.2	1.8	.4					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3130

USAFETAC FORM 0-8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	,8	1,1	2,2	1,5	,3							5,9	8,7
NNE	,3	,8	1,7	,8	,1							3,7	8,8
NE	,4	,5	,8	,3	,0							2,0	7,0
ENE	,3	,6	,7	,3	,1							1,9	7,1
E	,8	,9	1,0	,4	,1							3,1	7,1
ESE	,2	,9	1,2	,4	,1							2,6	7,8
SE	,4	,9	1,9	1,1	,1							4,4	8,6
SSE	,8	1,5	2,3	2,4	,9	,1	,0					8,0	10,1
S	1,3	1,5	4,0	3,3	,8	,2						11,1	9,7
SSW	,4	1,4	2,7	2,3	,4	,1	,0					7,3	10,0
SW	1,0	1,3	2,3	,8	,4	,1	,0					5,9	8,4
WSW	,3	,8	2,1	1,0	,5	,1	,0					4,7	10,3
W	,3	,8	2,8	1,3	,8	,1	,1	,0				6,2	11,1
WNW	,3	1,2	3,0	4,2	1,8	,6	,0	,0		,0		11,1	12,6
NW	,7	1,1	3,7	4,0	1,1	,6	,2					11,4	11,5
NNW	,7	1,2	3,3	1,9	,4	,1						7,6	9,4
VARBL													
CALM												3,0	
	8,9	16,4	35,5	25,7	7,9	2,0	,4	,1		,0		100,0	9,6

TOTAL NUMBER OF OBSERVATIONS 3137

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.8	1.5	.2							6.6	8.4
NNE	.5	1.3	1.6	.7	.1							4.2	7.7
NE	.5	.6	1.0	.4	.1							2.7	7.2
ENE	.4	1.2	.7	.2								2.5	5.9
E	.7	1.0	1.0	.2								2.9	6.0
ESE	.5	.8	1.4	.7	.0							3.4	8.0
SE	.7	1.5	2.4	1.0	.2	.0						5.9	8.0
SSE	.7	1.5	3.6	2.2	1.0	.1						9.0	9.9
S	1.0	2.0	4.3	2.7	.9	.3						11.2	9.6
SSW	.7	1.3	1.3	1.1	.3							4.8	8.6
SW	.6	1.1	1.2	.3	.0	.1						3.3	7.0
WSW	.3	.6	1.2	.6	.2	.0						2.9	9.0
W	.5	1.0	2.1	1.5	.6	.2	.1	.0				6.0	10.6
WNW	.2	1.6	2.6	3.2	1.5	.5	.0					9.6	11.9
NW	.9	2.0	5.0	3.8	1.1	.5	.1					13.3	10.7
NNW	.7	1.7	2.3	2.4	.3	.1						7.6	9.3
VARBL													
CALM												4.0	
	9.5	20.9	34.3	22.7	6.5	1.7	.3	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3145

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	2.2	1.2	.4							7.1	8.0
NNE	.8	1.0	1.2	.5								3.5	6.6
NE	1.0	1.0	1.3	.4	.1							3.8	6.6
ENE	.3	.8	.6	.2								1.8	6.7
E	1.2	1.0	1.1	.3								3.6	5.8
ESE	.7	1.2	1.4	.4	.1							3.8	6.9
SE	1.4	1.9	2.1	.5	.2							6.0	6.7
SSE	.6	1.5	3.1	1.9	.5	.1	.0					7.7	9.6
S	1.6	2.1	3.6	2.3	.8	.1						10.5	9.0
SSW	.6	.8	1.4	1.0	.2	.1						4.1	8.8
SW	.5	.6	1.0	.1	.2	.1						2.5	7.7
WSW	.8	.6	.6	.3	.1	.0						2.4	7.0
W	.8	1.2	1.8	.9	.4	.0	.1	.0				5.2	8.7
WNW	.6	1.3	2.7	2.1	1.7	.6	.1	.0				9.2	11.9
NW	1.4	2.2	3.6	2.5	.7	.4	.2					11.0	9.7
NNW	.8	1.2	3.3	2.2	.4							8.0	9.3
VARBL													
CALM												9.9	
	13.9	20.8	31.1	16.7	5.6	1.5	.4	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3138

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	2.5	1.2	.4	.1						6.9	8.3
NNE	.4	1.0	1.4	.5	.1							3.4	7.8
NE	.9	1.2	.9	.2	.0							3.2	5.9
ENE	.5	.6	.6	.3	.1	.0						2.1	7.3
E	.8	.8	1.1	.2								2.9	6.2
ESE	.5	1.0	1.1	.3	.1							3.0	7.0
SE	.9	1.6	1.6	.4	.0							4.6	6.4
SSE	1.0	1.9	2.1	1.4	.3	.0						6.8	8.2
S	1.5	3.1	3.2	2.0	.3	.0						10.1	7.7
SSW	.9	1.6	2.4	1.3	.2							6.3	8.1
SW	1.2	1.1	1.4	.5	.0							4.2	6.5
WSW	.8	.8	.6	.3	.2	.0						2.7	7.0
W	.6	.7	1.9	1.1	.6	.0	.1	.0				5.0	9.9
WNW	.4	1.3	2.8	2.3	1.2	.6	.2	.0				8.7	11.8
NW	1.1	1.9	3.3	2.7	1.0	.5	.1					10.5	10.4
NNW	.8	1.5	2.9	2.1	.7							8.0	9.5
VARBL													
CALM												11.6	
	13.6	21.3	29.8	16.8	5.2	1.3	.3	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3140

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	3.1	1.3	.2							7.9	7.7
NNE	.8	1.2	1.5	.8	.1	.1						4.4	7.8
NE	.8	1.3	1.4	.6	.2							4.3	7.3
ENE	.5	1.2	2.1	.6	.0							4.4	7.6
E	1.0	1.2	1.5	.6	.0							4.3	6.8
ESE	.8	.9	1.8	.3	.0							3.8	6.7
SE	1.2	1.3	1.1	.7	.0	.1						4.5	7.1
SSE	.7	1.6	1.7	.6	.3							4.9	7.8
S	1.3	2.8	3.3	.7	.0							8.1	6.8
SSW	.6	1.3	2.4	.9	.1	.1	.0					5.6	8.6
SW	.6	.6	.7	.3	.2							2.3	7.4
WSW	.8	.8	.8	.3	.1	.1						3.0	7.1
W	.8	1.7	1.8	.8	.3	.2		.0				5.6	8.4
WNW	.4	1.1	2.5	2.2	1.0	.4	.2					7.9	12.0
NW	.9	1.9	2.6	2.3	.9	.3	.0					8.9	10.2
NNW	.6	1.6	2.9	2.3	.7	.1	.0					8.2	9.9
VARBL													
CALM												11.9	
	13.0	22.3	31.3	15.4	4.4	1.4	.3	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2864

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.3	3.0	1.6	.2	.0						8.6	7.6
NNE	.6	1.0	1.3	.7	.1	.0						3.7	7.8
NE	1.2	1.1	1.8	.7	.2							5.0	7.1
ENE	.6	.8	1.3	.9		.0						3.7	7.8
E	1.2	1.2	1.2	.4	.1							4.1	6.4
ESE	.8	.9	.9	.5	.0							3.2	6.7
SE	1.3	1.0	2.0	.5	.1	.0	.1					5.0	7.1
SSE	1.2	.9	1.8	.6	.3	.1						4.9	7.8
S	1.2	2.7	3.4	.8	.0							8.1	6.9
SSW	.7	1.4	1.8	1.0	.1	.0						5.0	8.1
SW	.8	1.1	1.1	.2	.1							3.3	6.4
WSW	.5	.9	.9	.2	.1	.0						2.6	7.1
W	.9	1.0	1.6	1.0	.2	.0						4.7	8.2
WNW	.5	1.1	2.4	2.0	1.2	.4	.1	.0				7.8	11.9
NW	.7	1.9	3.7	2.6	.6	.3	.1					9.9	10.1
NNW	.3	1.6	3.3	2.9	.5	.1						8.6	10.2
VARBL													
CALM												11.8	
	14.0	20.8	31.6	16.5	3.8	1.1	.3	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2864

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	3.0	1.4	.1							7.6	7.9
NNE	.7	.7	2.2	.8	.1							4.5	8.0
NE	.6	1.3	1.7	.6	.0							4.2	7.1
ENE	.3	.7	1.6	.7	.1							3.3	8.6
E	1.2	1.2	1.7	.5								4.5	6.5
ESE	.6	1.1	1.0	.3	.1	.1						3.2	7.3
SE	1.2	1.5	1.7	.5								4.9	6.3
SSE	.7	1.5	1.7	1.1	.1	.0						5.1	8.0
S	1.6	3.3	3.7	1.2	.2	.0						10.0	7.2
SSW	.8	1.0	1.8	.8	.3							4.7	8.5
SW	.6	.7	1.2	.5	.1							2.9	7.4
WSW	.6	.7	1.2	.5	.2							3.1	8.0
W	1.0	1.3	2.0	.9	.3	.2	.0					5.6	8.7
WNW	.5	.8	2.2	2.0	1.1	.4	.1					7.1	12.0
NW	.9	1.7	4.1	2.4	.4	.3	.0					9.9	9.6
NNW	.8	2.0	3.0	2.4	.5	.1						8.8	9.5
VARBL													
CALM												10.5	
	12.9	21.4	33.6	16.6	3.7	1.2	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2858

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.9	3.0	1.4	.1	.0						7.1	8.0
NNE	.4	.8	1.7	.7	.1							3.8	8.4
NE	.5	1.0	1.4	.9	.0							3.9	8.2
ENE	.3	1.2	1.3	.7	.2							3.6	8.3
E	.5	1.3	1.6	.8	.1							4.3	8.0
ESE	.8	1.0	1.0	.8	.2	.0						3.8	8.1
SE	.9	1.0	2.4	.8	.2							5.5	8.0
SSE	.6	1.3	2.1	1.3	.2							5.6	8.7
S	1.3	2.0	4.1	2.6	.5							10.5	8.7
SSW	.8	1.4	2.4	1.4	.7	.1	.0					6.8	9.6
SW	.6	.8	1.9	1.1	.2	.1						4.7	9.1
WSW	.5	.7	1.0	1.2	.3	.2						3.9	10.4
W	.5	1.2	1.6	1.9	.6	.2	.1	.0				6.1	10.8
WNW	.2	1.0	2.0	2.9	1.2	.7	.1	.0				8.2	13.2
NW	.5	1.5	3.8	4.0	1.0	.3	.2					11.4	11.4
NNW	.3	1.4	2.4	2.5	.8	.1	.0					7.5	10.7
VARBL													
CALM												3.4	
	9.5	19.6	33.9	24.9	6.4	1.9	.4	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2861

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	2.7	1.3	.1	.0						6.2	8.6
NNE	.6	.9	1.0	.7	.1							3.4	7.8
NE	.8	1.0	1.5	.7	.2							4.3	8.0
ENE	.2	1.0	.8	.7	.1							3.0	8.7
E	.8	1.4	1.3	.8	.0							4.4	7.3
ESE	.4	1.0	1.1	.8	.1							3.4	8.1
SE	.5	1.3	1.5	1.3	.4							4.9	9.3
SSE	.2	1.1	1.8	1.6	.6	.2	.0					5.6	10.5
S	1.0	1.2	3.8	3.8	.6	.0						10.5	10.2
SSW	.5	1.0	2.4	2.0	.6	.2						6.7	10.6
SW	.3	.9	1.3	.7	.3	.1	.1					3.8	9.9
WSW	.1	.9	1.8	1.5	.4	.1						4.9	10.6
W	.6	.8	1.7	2.3	1.1	.5	.1	.0				7.1	12.6
WNW	.3	1.3	3.0	3.6	1.3	.6	.5	.0				10.5	13.0
NW	.7	1.2	3.6	4.5	1.8	.4	.2	.1				12.3	12.2
NNW	.3	1.1	2.7	2.1	.8	.1						7.2	10.8
VARBL													
CALM												1.9	
	7.8	17.7	32.1	28.6	8.5	2.2	.9	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2863

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.0	3.5	1.3	.1	.0						7.7	8.0
NNE	.3	1.4	1.6	.8	.2							4.4	8.3
NE	.5	1.0	1.7	.8	.1	.0						4.1	8.0
ENE	.4	.8	1.5	.6	.1							3.5	8.1
E	.9	1.2	2.4	.6								5.1	7.0
ESE	.3	1.0	1.8	.7	.1							4.0	8.4
SE	.6	1.3	1.9	1.3	.3							5.4	8.6
SSE	.3	.9	2.4	2.7	1.0	.2		.0				7.6	11.4
S	.7	.9	3.7	2.4	.8	.0						8.5	10.2
SSW	.5	.8	1.4	1.3	.5	.1						4.6	10.2
SW	.5	1.0	1.1	.3	.3	.1						3.3	8.6
WSW	.3	.6	.7	.5	.2							2.4	8.8
W	.3	1.0	1.9	2.0	.7	.3	.0					6.3	11.3
WNW	.4	1.3	2.1	3.0	1.5	.5	.3	.2				9.3	13.2
NW	.4	1.6	4.5	4.8	1.7	.5	.3	.1				13.9	12.3
NNW	.3	1.2	2.9	1.9	1.2	.1	.1					7.8	11.0
VARBL													
CALM												2.1	
	7.7	18.1	35.0	25.0	9.1	1.9	.7	.3				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2860

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	3.3	1.6	.2	.0	.0					8.2	8.1
NNE	1.0	1.0	1.7	.6	.2							4.5	7.5
NE	1.0	1.3	1.9	.5	.2							4.9	7.2
ENE	.6	1.2	1.6	.4	.1							3.8	7.4
E	1.2	2.0	1.7	.5	.0							5.3	6.3
ESE	.8	1.7	1.3	.8	.1							4.7	7.1
SE	.8	1.6	2.6	1.2	.0	.0						6.3	7.9
SSE	.4	1.2	2.8	1.9	.5							6.8	9.8
S	.8	1.1	3.0	2.6	.3	.0						7.9	9.5
SSW	.5	.6	.6	.8	.2	.1						2.8	9.6
SW	.7	.8	.6	.2	.0	.0						2.4	6.3
WSW	.4	.8	.6	.4	.0		.0					2.3	7.3
W	.8	.9	1.4	1.2	.3	.2	.0					4.9	9.4
WNW	.4	1.3	2.2	2.3	.9	.4	.1	.0				7.7	11.6
NW	1.3	2.1	3.0	3.0	1.3	.4	.3					11.3	10.7
NNW	1.0	1.7	2.1	2.0	.8	.3						7.8	9.9
VARBL													
CALM												8.3	
	12.8	21.3	30.3	19.9	5.4	1.6	.5	.0				100.0	8.1

TOTAL NR OF OBSERVATIONS 2858

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	2.9	1.5	.2	.0		.0				8.3	7.9
NNE	.7	1.2	1.3	.7	.1	.0						4.1	7.8
NE	.8	1.2	2.0	.6	.2	.0						4.8	7.8
ENE	.6	1.3	1.6	.8	.0							4.2	7.6
E	1.3	1.5	1.7	.7								5.2	6.6
ESE	.7	1.0	1.2	.6	.1	.1						3.7	7.3
SE	.6	1.8	2.3	.6	.1	.0						5.4	7.3
SSE	.8	1.3	2.3	.9	.1	.1						5.5	7.9
S	1.2	2.0	3.4	1.5	.3	.1						8.5	8.2
SSW	.8	.9	1.5	1.3	.2	.1						4.8	8.8
SW	.8	.9	.6	.4	.0							2.8	6.3
WSW	.5	.8	.6	.2	.1							2.2	6.5
W	.7	1.3	1.3	.8	.2	.1	.0					4.4	8.7
WNW	.4	1.6	2.3	2.2	1.0	.5	.0	.1				8.2	11.5
NW	.9	1.4	2.9	2.7	1.0	.8	.1					9.8	11.4
NNW	.7	1.2	2.3	2.2	.4	.2						7.0	10.0
VARBL													
CALM												11.1	
	13.0	21.5	30.1	17.6	4.2	2.1	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2863

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	2.2	1.2	.2							6.1	8.2
NNE	.5	1.5	1.5	.7	.2	.0						4.3	8.1
NE	.8	1.4	2.2	1.1	.2							5.6	7.9
ENE	.4	1.0	1.4	.8	.2	.1						3.9	8.8
E	1.1	1.4	1.5	.5	.1	.1						4.6	6.8
ESE	.5	1.0	1.1	.3	.1							3.1	6.9
SE	.9	1.3	2.2	.5	.1	.1						5.0	7.6
SSE	.7	1.5	2.3	1.0	.2	.0						5.7	8.1
S	1.4	2.4	3.3	1.3	.1							8.5	7.3
SSW	1.0	1.4	1.9	.7	.1							5.0	7.0
SW	.9	1.1	1.1	.4	.1	.0						3.6	7.1
WSW	1.0	1.2	1.6	.4	.2	.0						4.5	7.4
W	1.0	1.2	1.9	1.0	.4	.2	.0					5.9	9.1
WNW	.3	.8	1.9	2.2	1.2	.5	.1					6.9	12.5
NW	.8	1.5	3.1	3.0	.7	.1						9.3	9.9
NNW	.4	1.1	2.3	1.3	.5	.2						5.8	9.9
VARBL													
CALM												12.6	
	12.4	21.6	31.5	16.4	4.7	1.3	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3241

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.0	2.1	1.4	.1							6.4	8.0
NNE	1.0	1.0	1.9	.8	.2							5.0	8.0
NE	1.0	1.4	1.7	.5	.2	.0						4.7	7.3
ENE	.7	1.0	1.5	.9	.2	.1						4.2	8.8
E	1.0	1.0	2.0	.8	.1	.0						5.0	7.3
ESE	.6	1.2	1.0	.3	.1							3.2	6.6
SE	1.2	1.6	1.5	.6	.1	.1						5.0	7.0
SSE	.5	1.8	2.3	1.0	.4	.0						6.0	8.6
S	1.3	2.6	3.1	1.0	.1							8.0	7.2
SSW	1.0	1.4	1.4	.4	.1	.0						4.3	6.6
SW	1.1	1.4	.8	.2	.2							3.7	6.2
WSW	.6	1.0	1.0	.7	.1	.0	.0					3.4	8.0
W	.6	1.4	1.9	1.3	.7	.3	.1					6.3	10.4
WNW	.5	1.0	2.0	2.4	1.2	.4	.2					7.6	12.1
NW	.8	1.4	3.1	2.7	.8	.1						9.0	10.2
NNW	.6	.9	2.7	1.5	.3	.1						6.2	9.3
VARBL													
CALM												11.9	
	13.0	22.0	30.1	16.7	4.7	1.3	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3245

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	2.5	1.2	.3	.0						6.9	8.0
NNE	.5	1.0	1.6	1.0	.2							4.3	8.6
NE	1.0	.9	1.4	.9	.4	.0						4.7	8.3
ENE	.5	.8	1.4	.5	.2	.1						3.5	8.9
E	1.0	1.2	2.2	1.4	.2							6.0	8.3
ESE	.6	1.1	1.3	.3	.2	.0						3.5	7.3
SE	1.1	1.4	2.1	.9	.2	.0						5.6	7.5
SSE	.7	1.7	2.6	1.2	.4							6.5	8.5
S	1.1	2.5	3.9	1.7	.3							9.6	7.9
SSW	.6	1.1	1.2	.9	.3							4.1	8.6
SW	1.5	1.2	1.0	.2	.1			.0				4.0	5.6
WSW	.5	.7	1.2	.5	.2							3.0	7.8
W	.7	1.6	2.0	2.3	1.2	.2	.0					8.1	10.6
WNW	.2	.8	2.1	2.4	1.3	.4	.2					7.4	12.6
NW	.5	1.7	2.7	2.8	.7	.2	.0					8.7	10.4
NNW	.4	1.6	2.2	1.9	.3	.1						6.4	9.4
VARBL													
CALM												7.6	
	12.3	20.9	31.5	20.0	6.2	1.2	.2	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 3243

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...6... PROCESSING BRANCH
...E .../USAF
...in WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.5	1.4	.2							5.9	8.9
NNE	.3	.9	1.4	1.0	.3							3.9	9.1
NE	.3	.9	1.6	.9	.3	.1						4.1	9.7
ENE	.5	.9	1.4	1.1	.3	.1						4.3	9.6
E	.5	1.1	2.0	1.4	.3							5.3	9.0
ESE	.3	.9	1.5	.8	.2							3.8	9.1
SE	.3	.8	2.2	1.4	.3	.2	.1					5.3	10.5
SSE	.6	.8	2.7	2.7	.7	.1						7.5	10.3
S	.5	1.2	3.3	3.4	1.0	.3	.0					9.7	11.0
SSW	.3	.6	2.3	2.5	1.0	.2						7.0	11.7
SW	.6	.6	1.5	1.0	.3	.0						4.1	9.3
WSW	.3	.6	1.5	1.1	.4	.2	.1	.1				4.4	11.3
W	.4	.3	2.4	2.2	1.5	.5	.2	.0				7.9	12.7
WNW	.3	.4	2.0	3.5	2.1	.7	.2					9.5	14.0
NW	.5	1.0	2.8	3.8	1.4	.3	.0					10.0	11.8
NNW	.4	.8	2.1	1.9	.4	.0						5.6	10.2
VARBL													
CALM												1.8	
	6.5	14.0	33.3	30.1	10.9	2.7	.5	.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 7243

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	2.3	1.7	.3							5.6	9.5
NNE	.2	.3	1.3	1.1	.2							3.1	10.4
NE	.4	.8	1.3	.9	.4	.0						3.6	9.5
ENE	.3	.8	1.5	1.0	.3	.2						4.1	10.0
E	.4	1.3	1.8	1.2	.4							5.1	9.1
ESE	.4	.5	1.1	1.0	.2	.0						3.1	9.4
SE	.4	.6	2.0	1.6	.6	.2						5.4	10.7
SSE	.3	.9	2.2	3.3	1.3	.3						8.3	12.1
S	.5	.9	2.5	3.3	1.7	.8	.1					9.7	12.8
SSW	.3	.6	2.2	2.8	1.4	.4						7.6	12.7
SW	.4	.8	2.2	1.0	.5	.1						3.0	9.7
WSW	.2	.5	1.5	1.5	.3	.1	.1					4.3	11.1
W	.4	.5	1.6	2.8	1.5	.8	.2					7.7	14.0
WNW	.2	.6	2.1	3.7	2.6	.7	.7	.0				10.7	15.0
NW	.3	1.0	2.3	3.5	1.8	.4						9.4	12.6
NNW	.2	.5	2.0	2.2	.4	.1						5.5	10.9
VARBL													
CALM												1.6	
	5.4	11.6	29.9	32.5	13.9	4.1	1.0	.0				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 3246

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.5	2.2	.2	.0						6.5	9.5
NNE	.1	.8	1.9	1.1	.2	.0						4.2	9.7
NE	.5	.9	1.4	1.2	.2	.0						4.2	9.2
ENE	.3	1.1	1.3	1.3	.2	.2						4.3	9.6
E	.4	1.0	2.3	.8	.2	.1						4.7	8.6
ESE	.3	.7	1.1	.6	.2							3.0	8.9
SE	.3	1.0	2.1	1.9	.5	.3						6.0	10.8
SSE	.2	1.2	2.7	3.4	1.4	.6						9.5	12.4
S	.8	.7	3.0	3.5	1.9	.6	.1					10.6	12.3
SSW	.1	.9	1.1	1.6	.8	.2						4.8	12.0
SW	.3	.7	1.2	.9	.1	.0						3.2	8.9
WSW	.1	.4	1.1	1.3	.3	.1	.0					3.3	11.5
W	.4	.6	1.5	2.4	1.6	.5	.1					7.1	13.2
WNW	.3	.7	2.2	3.6	2.1	1.3	.2	.1				10.5	14.7
NW	.6	.6	3.1	3.7	1.2	.4	.1					9.8	12.2
NNW	.2	.8	2.3	2.3	.5	.1	.0					6.2	10.7
VARBL													
CALM												2.0	
	5.4	13.5	30.7	31.8	11.6	4.4	.6	.1				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 3239

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.9	2.3	1.0	.3							6.3	7.8
NNE	.5	1.3	1.6	1.0	.1	.0						4.6	8.2
NE	1.0	1.8	2.6	1.0	.1	.1						6.5	7.9
ENE	.7	1.4	1.6	.7	.3	.1						4.8	8.1
E	.8	1.5	2.3	.8	.1							5.5	7.6
ESE	.5	1.1	1.6	.7	.0							4.0	7.8
SE	.6	1.4	2.3	1.4	.6	.1						6.3	9.3
SSE	.4	1.3	3.1	3.2	.7	.2						8.9	10.7
S	1.0	1.1	3.5	3.4	.9	.3						10.2	10.6
SSW	.2	.3	.7	1.3	.4	.0						3.0	11.1
SW	.5	.9	.7	.1	.0							2.3	6.1
WSW	.3	.7	.8	.3	.2	.0						2.4	8.4
W	.7	.9	1.5	1.2	.5	.1						5.0	9.4
WNW	.5	1.0	2.3	3.3	1.5	.8	.1					9.5	12.8
NW	.5	1.8	3.1	2.5	1.0	.2	.0					9.1	10.4
NNW	.5	1.5	2.3	1.3	.2	.1						6.0	8.8
VARBL													
CALM												5.7	
	9.7	19.9	32.4	23.2	7.0	2.0	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3241

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	2.1	.7	.4	.1						5.6	8.4
NNE	.9	1.6	1.9	.9	.1	.1						5.4	7.5
NE	.7	1.5	2.3	1.0	.2	.0						5.7	8.3
ENE	.6	1.0	1.5	.6	.1	.1						3.9	8.2
E	.9	1.2	1.9	.8	.2	.1						5.1	8.0
ESE	.8	1.1	1.1	.5	.2							3.6	7.3
SE	.7	1.6	2.0	1.0	.2	.1						5.6	3.2
SSE	.3	1.5	3.2	1.5	.2		.1					6.9	9.1
S	1.5	1.7	3.7	2.1	.2		.0					9.8	8.6
SSW	.6	1.0	1.8	1.0	.3	.0						4.8	8.6
SW	.8	1.3	.8	.5	.1							3.5	6.7
WSW	.8	1.0	1.0	.5	.4	.1	.0					3.8	8.7
W	.7	.9	1.9	1.0	.3	.2						4.9	9.0
WNW	.4	1.0	2.1	2.1	1.3	.7	.1	.1				7.7	12.9
NW	.6	1.6	3.0	2.0	1.0	.5	.1					8.6	10.8
NNW	.6	1.2	2.3	1.2	.2	.0	.0					5.4	8.7
VARBL													
CALM												9.5	
	11.5	20.6	32.4	18.0	5.6	1.9	.4	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 3240

USAFETAC FORM 0 8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	2.6	.8	.1	.0						5.7	7.8
NNE	.8	1.5	1.3	.6	.1							4.2	6.9
NE	1.5	1.3	2.0	1.2	.4							6.2	8.0
ENE	.6	1.0	1.6	.7	.2							4.1	8.0
E	1.6	1.6	1.8	.6	.2							5.7	6.7
ESE	1.1	1.2	1.6	.6	.2		.0					4.6	7.4
SE	1.2	1.6	2.0	.7	.1	.0						5.6	7.0
SSE	.7	1.5	2.6	.8	.2	.1						5.9	8.1
S	1.8	3.3	3.5	1.8	.2							10.6	7.4
SSW	.7	1.9	2.3	.7	.0							5.7	7.2
SW	.0	1.1	1.3	.6	.1							4.1	7.1
WSW	.3	.8	1.6	.4	.2	.1						3.5	8.9
W	.5	1.5	1.9	1.0	.4	.1						5.4	8.7
WNW	.3	1.1	1.8	1.5	1.0	.1						5.7	10.9
NW	.6	1.3	2.5	1.5	.4							6.4	9.0
NNW	.4	.7	1.8	1.0	.4	.0						4.3	9.5
VARBL													
CALM												12.3	
	13.6	22.9	31.9	14.6	4.1	.6	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 3127

USAFETAC FORM JUL 64 0-E-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	2.4	.9	.1							6.1	7.3
NNE	.9	1.2	1.3	.4	.1							4.4	6.8
NE	.7	1.1	2.0	1.1	.2	.0	.0					5.2	8.4
ENE	.5	1.3	1.7	.7	.1	.1						4.3	7.8
E	1.5	1.5	1.5	.9	.1	.0						5.5	6.9
ESE	.7	1.3	1.7	.6	.3							4.6	7.8
SE	1.4	1.6	2.0	.5	.1							5.7	6.6
SSE	1.1	1.9	2.2	.9	.1	.2	.0					6.3	7.5
S	1.6	3.2	3.5	1.0	.1							9.4	6.8
SSW	.7	1.4	2.4	.4								5.0	7.0
SW	1.0	1.1	1.1	.4	.1							3.7	6.3
WSW	.5	1.3	1.2	.3	.2	.2						3.6	8.1
W	.5	1.6	2.0	.8	.6	.0						5.7	8.9
WNW	.4	1.2	2.2	1.7	.7	.2						6.4	10.3
NW	.6	1.1	2.1	1.8	.5	.1	.0					6.3	9.9
NNW	.6	1.1	1.8	1.5	.2							5.2	9.0
VARBL													
CALM												12.8	
	13.7	23.9	31.7	13.7	3.4	.8	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 3132

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	2.4	1.3	.1							6.3	7.9
NNE	.6	1.1	1.5	.6	.1							3.8	7.5
NE	.8	1.2	2.0	1.1	.4	.1	.0					5.6	8.9
ENE	.9	1.1	1.9	.9	.2	.1						5.0	8.1
E	.8	1.4	1.6	1.0	.1							4.9	7.8
ESE	.5	1.1	1.6	1.1	.2	.1						4.5	8.9
SE	1.2	1.1	2.7	1.1	.3		.0					6.5	8.0
SSE	.7	1.9	2.6	1.4	.3	.0	.0					6.9	8.5
S	1.4	2.9	4.0	2.1	.1							10.5	7.6
SSW	.7	1.8	2.4	.9	.4							6.1	7.9
SW	.8	1.1	1.4	.6								4.0	7.1
WSW	.2	1.2	1.1	.8	.3	.2						3.8	9.5
W	.8	1.3	1.9	.8	.4	.2	.0					5.5	9.0
WNW	.2	.7	1.8	1.9	1.3	.1	.0					6.0	12.1
NW	.5	.8	2.3	2.4	.8	.2						7.0	11.2
NNW	.3	.8	2.0	1.2	.3							4.6	9.8
VARBL													
CALM												9.2	
	11.3	20.9	33.1	19.3	5.1	1.0	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 3132

USAFETAC FORM 0-8-5 (OL) JUL 64 · PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	2.2	1.4	.1	.1						5.3	8.8
NNE	.2	.8	1.2	.6	.1	.1						2.9	8.8
NE	.6	.7	2.3	1.5	.3							5.4	9.5
ENE	.3	.6	1.5	1.1	.2							3.7	9.4
E	.6	1.1	1.7	1.5	.4							5.4	9.2
ESE	.3	.8	1.6	1.3	.3	.0						4.3	9.9
SE	.5	.8	1.9	1.7	.4							5.4	9.8
SSE	.4	1.0	3.1	2.7	.5	.1	.0					7.9	10.4
S	.5	1.9	4.1	3.9	1.0	.4	.0					11.9	10.8
SSW	.2	.9	3.1	2.7	.7	.2	.0					7.8	11.1
SW	.2	1.0	2.1	1.6	.5	.0						5.4	10.2
WSW	.4	.5	1.9	1.2	.6	.3	.0					4.9	11.2
W	.4	.6	1.9	2.0	1.1	.2						6.2	12.0
WNW	.2	.8	1.6	3.1	1.4	.4	.1					7.5	13.0
NW	.4	.8	2.5	3.1	1.3	.4	.1					8.6	12.3
NNW	.4	.6	2.2	1.9	.3	.1						5.4	10.1
VARBL													
CALM												2.0	
	5.7	14.3	34.8	31.3	9.1	2.4	.3					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 3132

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.2	1.7	.4	.1						6.0	9.4
NNE	.2	.6	1.3	.8	.2	.0						3.1	9.4
NE	.5	1.2	1.9	1.2	.2	.1						5.1	8.9
ENE	.4	.7	1.6	1.0	.3	.1						4.0	9.7
E	.5	1.2	1.9	1.2	.3							5.1	8.8
ESE	.3	.4	1.4	1.0	.3	.0						3.5	10.0
SE	.3	.9	2.0	1.9	.6	.1						5.9	10.7
SSE	.4	.7	2.8	2.8	1.4	.5	.1					8.6	12.4
S	.4	.8	3.4	5.4	1.7	.7						12.3	12.6
SSW	.3	.9	2.1	2.2	1.0	.3	.0					6.7	11.9
SW	.3	.7	1.7	1.5	.8	.2						5.2	11.3
WSW	.3	.6	1.7	.9	.8	.4						4.7	11.4
W	.3	.6	1.7	1.8	.9	.5	.0	.0				5.9	12.8
WNW	.2	.4	1.6	3.5	2.1	.5	.1					8.4	14.4
NW	.4	.6	2.3	3.6	1.4	.4	.0					8.6	12.6
NNW	.3	.9	1.9	1.9	.4	.1						5.5	10.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.4	
	5.4	12.2	31.6	32.4	12.6	4.0	.3	.0				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 3132

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	2.6	1.7	.3	.1						6.5	9.2
NNE	.2	.9	1.3	1.5	.1	.0						4.1	10.1
NE	.7	1.0	2.3	1.4	.4							5.8	8.9
ENE	.4	.7	1.6	.9	.1							3.7	8.8
E	.5	1.4	2.4	1.3	.3	.0						5.9	8.8
ESE	.3	.6	1.7	1.0	.3	.0						3.7	9.5
SE	.2	.8	2.3	1.7	.6	.1						5.7	10.6
SSE	.3	.8	3.4	4.5	1.6	.7						11.3	12.5
S	.4	1.2	3.3	4.7	2.0	.2	.0	.0				11.8	12.2
SSW	.3	.7	1.3	1.9	.6	.2		.0				5.0	11.3
SW	.1	.7	1.2	.9	.2	.1						3.3	9.9
WSW	.2	.5	.7	.8	.5	.1	.0					2.8	11.8
W	.3	.8	1.2	1.4	1.3	.6	.1					5.7	13.3
WNW	.1	.4	2.0	3.6	1.8	.6	.0					8.5	13.8
NW	.4	.7	2.6	3.5	1.3	.3	.0					8.8	12.1
NNW	.3	1.0	2.2	1.4	.3	.0	.1					5.2	9.8
VARBL													
CALM												2.3	
	5.2	13.4	32.2	32.0	11.6	3.1	.3	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 3129

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	2.1	1.1	.3		.0					5.8	8.2
NNE	.6	1.0	1.9	.7	.1							4.3	8.0
NE	1.0	1.6	2.3	.9	.4	.1						6.3	8.1
ENE	.8	1.8	1.7	.6	.0							4.9	6.9
E	1.0	2.1	2.4	1.3	.2		.1					6.9	7.9
ESE	.8	.8	2.2	.6	.2			.0				4.7	8.2
SE	.6	2.0	2.7	1.3	.5	.0	.0					7.2	8.9
SSE	.2	1.5	4.3	3.9	1.1	.1						11.1	10.8
S	.5	1.3	4.4	3.9	.7	.0						10.8	10.2
SSW	.4	.4	1.0	1.0	.4	.0						3.1	10.3
SW	.5	.4	.7	.2	.0	.1						2.0	7.3
WSW	.4	.3	.7	.2	.3	.1						2.1	9.9
W	.3	.9	1.7	.9	.8	.2	.0					4.8	11.0
WHW	.3	1.1	2.4	2.0	.9	.1	.1					6.9	10.9
NW	.8	1.3	2.9	2.3	.2	.1						7.6	9.3
NNW	.6	1.4	1.9	.9	.3	.1						5.2	8.6
VARBL													
CALM												6.3	
	9.8	19.3	35.2	21.8	6.4	1.0	.2	.0				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 3117

USAFETAC FORM JUL 64 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.6	.9	.1							5.6	7.9
NNE	.6	1.0	1.7	.7	.0							4.0	7.7
NE	.9	1.3	1.6	.9	.4	.1						5.2	8.4
ENE	.4	1.0	1.7	.9		.0						4.0	8.1
E	1.2	2.1	2.2	.9	.3	.0						6.7	7.5
ESE	.5	1.6	1.9	.6	.1							4.9	7.8
SE	1.3	1.4	2.5	.8	.2	.1						6.1	7.5
SSE	.6	2.0	3.5	1.6	.2	.0						8.0	8.4
S	1.0	2.3	4.8	2.3	.3	.0						10.7	8.6
SSW	.5	1.0	2.5	1.3	.2	.1						5.7	8.9
SW	.6	.8	1.3	.4	.1		.0					3.3	7.6
WSW	.5	.7	1.0	.3	.1	.2		.0				2.8	8.4
W	.8	1.2	1.7	.6	.4	.2	.1					5.1	9.2
WNW	.2	1.3	2.5	1.2	.6	.2		.0				6.0	10.3
NW	.5	1.3	2.0	1.5	.3	.1						5.7	9.1
NNW	.5	1.0	1.7	1.0	.5	.0						4.7	9.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.5	
	10.8	21.5	35.3	15.9	3.8	1.0	.1	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3123

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.5	.2	.0							4.6	5.9
NNE	1.1	1.1	1.8	.5								4.5	6.6
NE	.9	1.7	1.7	.5	.1	.1						4.9	7.0
ENE	.6	1.2	1.0	.2								3.0	6.0
E	1.5	1.1	.8	.2	.2							3.6	5.6
ESE	.5	.7	.9	.4			.0					2.6	7.2
SE	1.2	1.7	1.5	.3	.1							4.8	6.2
SSE	1.3	1.9	1.5	.6	.1	.0						5.4	6.7
S	2.9	3.8	2.8	.4	.1							10.1	5.6
SSW	1.2	2.1	1.4	.6	.1							5.3	6.3
SW	1.7	1.5	1.5	.4	.1							5.1	5.8
WSW	.8	1.6	1.1	.4								3.9	6.4
W	1.0	1.4	2.0	.5	.2	.1	.0					5.2	7.3
WNW	.6	.6	1.2	.5	.3	.0		.0				3.4	9.1
NW	.6	1.1	1.5	.8	.2							4.1	8.5
NNW	.5	.6	1.3	.3	.0							2.8	7.4
VARBL													
CALM												26.6	
	17.3	23.7	23.7	7.0	1.5	.2	.1	.0				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3234

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.8	1.3	.2	.0							4.8	5.4
NNE	1.0	1.3	1.8	.1	.1	.0						4.3	6.2
NE	1.2	1.7	1.6	.7	.0	.0						5.3	6.7
ENE	.8	.7	.9	.1								2.5	5.6
E	1.2	1.1	1.1	.2	.1							3.6	5.9
ESE	.6	.9	.9	.3								2.7	6.2
SE	1.5	1.2	1.9	.4	.1							5.1	6.4
SSE	1.6	2.3	1.8	.6								6.2	6.1
S	2.2	3.0	2.0	.5								7.7	5.6
SSW	1.8	1.9	1.6	.3	.1							5.6	5.5
SW	1.7	1.3	1.1	.3	.0							4.5	5.4
WSW	.9	1.5	1.4	.2								4.0	6.1
W	1.3	1.4	1.8	.4	.2							5.2	6.6
WNW	.5	.6	1.5	.6	.2	.1		.1				3.6	9.6
NW	.5	.8	1.5	.9	.2	.0						3.9	8.8
NNW	.6	.8	1.5	.7	.0							3.7	7.8
VARBL													
CALM												27.1	
	19.1	22.3	23.7	6.6	1.0	.2		.1				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3243

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.5	1.6	.4	.1							4.3	6.6
NNE	.6	1.5	2.0	.4								4.6	6.7
NE	1.0	1.6	1.6	.6								4.9	6.8
ENE	.7	1.4	1.4	.4	.0							3.9	6.8
E	1.4	1.7	1.6	.6	.0							5.3	6.2
ESE	.6	1.1	1.4	.4	.1							3.5	7.3
SE	1.1	1.5	1.8	.6	.1	.0						5.2	7.0
SSE	1.2	2.3	2.2	1.2	.1							6.9	7.2
S	2.1	4.1	3.3	1.4	.1							11.0	6.6
SSW	1.1	2.2	2.1	.6	.1	.1						6.2	7.1
SW	1.3	1.7	2.4	.4	.0	.1						5.9	6.5
WSW	1.1	1.5	1.6	.5	.1							4.8	6.7
W	1.0	1.3	2.6	.8	.3	.2						6.2	8.3
WNW	.3	1.0	1.8	1.2	.3	.1						4.6	9.7
NW	.3	1.1	1.9	1.1	.3	.1	.0					4.9	9.6
NNW	.2	.9	1.6	.9	.2							3.8	9.2
VARBL													
CALM												14.1	
	14.7	26.4	30.9	11.4	1.9	.5	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3235

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	1.7	.9								5.1	7.1
NNE	.4	.9	1.5	.6	.1							3.6	8.2
NE	.6	1.6	2.2	1.1								5.6	7.6
ENE	.4	1.4	1.4	.5	.0							3.7	7.0
E	.7	1.2	2.1	.5	.1							4.7	7.2
ESE	.5	.6	1.8	.8	.0							3.7	8.5
SE	.7	1.3	1.9	1.5	.2	.1						5.6	8.6
SSE	.4	1.5	3.0	1.2	.4	.1						6.6	9.1
S	.9	2.7	3.6	3.1	.5	.1						10.8	9.2
SSW	.5	1.6	3.8	2.7	.5	.2	.0					9.5	9.7
SW	.5	1.8	3.2	1.8	.3	.0						7.5	8.8
WSW	.3	1.1	2.4	1.3	.2	.1						5.3	9.1
W	.7	1.6	3.2	1.7	.4	.2						7.8	9.4
WNW	.2	1.0	2.2	1.7	.6	.2	.1					6.0	11.0
NW	.4	1.1	2.0	2.2	.6	.2	.1					6.6	11.1
NNW	.2	.7	1.5	1.3	.1							3.8	9.6
VARBL													
CALM												4.2	
	8.2	22.0	37.4	22.8	4.0	1.1	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 3234

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.5	.6	.0							4.5	7.1
NNE	.5	1.2	1.7	.8	.1							4.3	7.6
NE	.6	1.4	6	1.2	.1							4.9	7.9
ENE	.6	.7	1.1	.5	.0	.0						3.0	7.4
E	.7	1.4	1.9	.5								4.5	7.0
ESE	.2	.7	1.3	.8	.1	.0						3.1	9.0
SE	.5	1.0	2.2	1.4	.3	.0						5.4	9.1
SSE	.2	1.7	3.1	2.6	.5	.2						8.3	10.2
S	.8	1.9	4.6	3.7	1.0	.3						12.3	10.4
SSW	.5	1.0	3.1	3.2	.6	.1	.0					8.4	10.6
SW	.4	1.5	3.3	1.6	.4	.1						7.4	9.3
WSW	.1	1.0	2.1	1.8	.3	.1	.0					5.4	10.3
W	.2	1.1	3.1	1.8	.5	.2	.1	.0				6.9	10.6
WNW	.2	.8	2.2	2.2	.7	.3	.2					6.6	12.2
NW	.2	.7	2.7	1.8	1.0	.2	.2					6.7	12.0
NNW	.3	1.0	2.5	1.0	.3	.1						5.2	9.1
VARBL													
CALM												2.9	
	7.0	18.7	38.0	25.5	5.8	1.7	.5	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 3234

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.0	.8	.2	.0						5.2	7.7
NNE	.8	1.7	1.7	.8	.1							5.1	7.3
NE	1.1	1.5	1.8	.8	.0	.0						5.2	7.2
ENE	.6	1.1	1.5	.9	.1							4.2	7.9
E	.8	1.2	1.5	.6	.0							4.1	6.9
ESE	.4	.7	1.4	.9	.1							3.5	8.7
SE	.6	1.3	2.1	1.2	.3							5.4	8.7
SSE	.4	1.5	4.0	2.4	.5	.2	.1					9.1	10.0
S	.6	2.0	4.4	4.9	.8	.2						12.9	10.3
SSW	.5	1.1	3.6	2.6	.9	.1			.0			8.7	10.5
SW	.6	.8	2.3	1.2	.2	.0						5.1	9.1
WSW	.3	.9	1.8	.9	.2	.0						4.1	9.3
W	.1	.6	2.5	1.4	.3	.1	.0					5.1	10.3
WNW	.4	.6	2.1	1.9	1.0	.3	.1		.0			6.4	12.1
NW	.3	1.1	3.2	2.4	.8	.1	.1					7.9	10.9
NNW	.5	1.1	2.3	1.1	.2	.0						5.3	8.7
VARBL													
CALM												2.6	
	8.5	18.8	38.3	24.6	5.7	1.2	.2		.1			100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 3235

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.9	1.7	.5	.1							5.5	6.3
NNE	.9	1.4	1.5	.4	.2							4.4	7.0
NE	1.3	1.8	1.7	.5	.1	.0						5.3	6.4
ENE	.9	1.7	1.1	.3	.0							4.0	6.3
E	1.4	1.6	1.6	.4								5.0	5.8
ESE	.7	1.5	1.1	.2								3.6	6.1
SE	1.4	2.3	3.0	1.0	.1							7.7	7.0
SSE	1.2	3.1	4.2	1.7	.3	.0						10.5	7.9
S	1.3	3.9	5.4	1.8	.3	.1						12.7	7.8
SSW	.5	1.3	2.2	.7	.2							4.8	8.1
SW	.8	1.0	1.2	.1	.0							3.2	6.1
WSW	.6	1.0	.6	.2	.1							2.4	6.4
W	.7	1.3	1.1	.8	.2	.0						4.2	8.0
WNW	.3	1.3	1.6	1.2	.3	.1		.0				4.8	9.6
NW	.8	1.6	1.9	1.0	.3	.1						5.7	8.4
NNW	.5	1.5	1.6	.6	.2	.1						4.5	7.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.6	
	14.6	28.2	31.4	11.6	2.3	.4		.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 3239

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	1.1	.2								4.4	5.1
NNE	.8	1.1	1.3	.4	.1							3.7	6.8
NE	1.2	1.4	1.9	.6	.2							5.3	7.0
ENE	.7	.9	.9	.2	.0		.0					2.8	6.5
E	1.3	1.6	1.6	.3	.0							4.9	6.0
ESE	.9	1.2	1.0	.2								3.4	5.9
SE	1.2	2.2	2.0	.7	.0			.0				6.4	6.6
SSE	1.5	2.7	2.6	.6	.1							7.5	6.5
S	2.2	4.3	3.8	1.2	.2	.0						11.7	6.8
SSW	.7	1.5	1.9	.5	.1							4.7	7.1
SW	1.3	1.4	1.3	.2	.1							4.3	5.9
WSW	.7	1.0	.9	.3	.0							3.0	6.4
W	.7	1.6	1.4	.2	.1	.1						4.2	7.1
WNW	.3	.8	1.6	.8	.1	.1						3.8	9.1
NW	.8	1.3	1.4	.7	.2	.1						4.6	8.1
NNW	.4	1.0	1.3	.3	.1							3.1	7.9
VARBL													
CALM												22.4	
	16.4	25.8	26.0	7.7	1.4	.3	.0	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3233

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	1.0	.3	.0							4.4	5.3
NNE	1.1	1.0	1.1	.2	.1	.0						3.5	6.1
NE	1.2	1.7	1.5	.1								4.4	5.5
ENE	.5	1.1	1.1	.2								2.9	6.3
E	1.1	1.0	.7	.1			.0					2.9	5.3
ESE	1.0	.8	.4	.2		.0						2.4	5.5
SE	1.8	1.8	.9	.2								4.8	5.0
SSE	1.9	2.4	1.8	.2	.0	.0						6.4	5.4
S	3.0	4.0	2.1	.2								9.2	5.0
SSW	1.7	2.8	2.6	.3	.0	.0						7.5	6.0
SW	2.0	2.2	1.7	.2	.0							6.1	5.2
WSW	1.0	1.4	1.4	.2	.0			.0				4.1	6.3
W	.8	1.4	1.1	.2	.1	.0						3.6	6.2
WNW	.4	.7	.7	.1	.0							1.9	6.7
NW	.7	.8	.9	.3	.1							2.8	6.8
NNW	.5	1.1	1.2	.2								3.0	6.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	30.1	
	20.1	25.8	20.2	3.2	.4	.2	.0	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 3097

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.2	1.0	.1								5.3	4.7
NNE	1.2	1.3	.6	.1								3.2	4.8
NE	1.3	1.8	1.5	.1	.0							4.7	5.4
ENE	.6	.9	1.0	.2	.1	.0						2.8	6.8
E	1.1	1.1	.4		.0							2.6	4.3
ESE	.7	.6	.5	.1		.0						2.0	5.7
SE	1.6	1.7	1.2	.1	.0							4.7	5.2
SSE	1.7	2.0	1.6	.2	.0							5.5	5.4
S	2.8	3.8	2.0	.3								8.9	5.1
SSW	1.7	3.2	2.2	.3	.0							7.4	5.7
SW	1.8	2.2	1.3	.2								5.5	5.1
WSW	1.2	1.4	1.4	.2	.1	.0						4.4	5.9
W	1.3	1.6	1.3	.3		.0						4.5	5.8
WNW	.5	.4	.6	.4		.0						1.8	7.6
NW	.8	1.0	.9	.3	.0							3.1	6.3
NNW	.4	.8	.9	.3		.0						2.5	7.0
VARBL													
CALM												31.2	
	20.8	26.0	18.5	2.9	.4	.2						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3096

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	.8	.2								3.7	5.4
NNE	.7	1.4	1.1	.1								3.3	5.7
NE	1.1	2.1	1.4	.2								4.8	5.7
ENE	.8	1.2	1.2	.3								3.5	6.2
E	1.0	1.3	1.6	.2	.1							4.1	6.0
ESE	.6	1.2	1.2	.1		.1						3.1	6.3
SE	1.5	1.3	1.6	.4								4.9	6.0
SSE	2.0	2.3	1.5	.3								6.2	5.4
S	2.7	4.3	3.5	.7								11.2	5.9
SSW	1.2	3.2	3.3	1.2	.0							9.0	7.0
SW	1.5	2.8	2.7	.9	.1							8.0	6.7
WSW	1.0	2.0	2.4	.8	.2							6.5	7.2
W	.8	1.6	2.1	.7	.1		.0					5.3	7.5
WNW	.5	.9	1.0	.6	.1		.0					3.1	8.1
NW	.8	.8	1.3	.7	.1							3.8	7.5
NNW	.5	.6	1.3	.4								2.7	7.6
VARBL													
CALM												16.6	
	17.9	28.4	28.1	8.2	.7	.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3092

USAFETAC FORM 0-8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.7	.5			.0					4.5	6.9
NNE	.5	1.3	1.5	.3								3.5	6.7
NE	.9	1.4	1.5	.4								4.2	6.4
ENE	.7	1.0	1.1	.4								3.2	6.7
E	.8	2.3	1.6	.4	.1	.0						5.3	6.6
ESE	.8	1.4	1.3	.3	.1							3.7	6.4
SE	.7	1.4	2.0	.7	.1							4.9	7.7
SSE	.8	2.0	2.8	1.0	.1	.0						6.7	7.7
S	1.2	2.7	3.9	1.6	.1	.0						9.6	7.7
SSW	.8	2.1	4.7	2.1	.7	.0						10.3	9.0
SW	1.0	2.4	4.6	2.1	.3							10.4	8.4
WSW	.4	1.9	3.4	1.8	.4	.1						8.0	9.1
W	.8	1.9	3.1	1.2	.4	.1						7.5	8.3
WNW	.4	.7	2.1	1.1	.4	.1		.0				4.9	10.0
NW	.5	.7	1.8	1.1	.4	.0		.0				4.7	9.3
NNW	.3	.8	1.5	.7	.1							3.4	8.2
VARBL													
CALM												5.2	
	11.5	25.3	38.8	15.7	3.0	.5	.0	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3104

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.3	.5								4.8	7.2
NNE	.3	1.6	1.9	.5			.0					4.4	7.5
NE	.7	1.4	1.9	.3	.1							4.5	7.0
ENE	.7	.9	1.5	.4	.0							3.4	6.9
E	.8	1.6	1.6	.3	.1							4.4	6.6
ESE	.2	1.0	1.6	.5								3.3	7.6
SE	.8	1.3	2.6	.8	.1							5.7	7.7
SSE	.5	1.8	3.8	1.8	.3	.1						8.4	9.1
S	.7	2.5	4.7	2.4	.4							10.7	8.8
SSW	.6	1.8	4.9	2.8	.7	.1						11.0	9.8
SW	.5	1.6	4.0	3.1	.7	.0						10.0	9.8
WSW	.5	1.0	3.1	1.7	.6	.1						7.1	9.7
W	.4	1.5	2.4	1.3	.3	.0						5.9	8.9
WNW	.2	.9	1.4	1.7	.4	.1	.1					4.7	11.0
NW	.5	1.0	2.0	1.0	.3	.1						4.8	9.1
NNW	.2	.7	2.1	1.1	.1							4.3	9.0
VARBL													
CALM												2.9	
	8.4	21.9	41.7	20.3	4.1	.6	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 3096

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13902 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	2.5	.8	.0							5.4	7.7
NNE	.4	1.4	1.6	.4								3.8	6.9
NE	1.0	1.6	1.9	.4	.1							5.0	6.8
ENE	.6	1.2	1.6	.5	.1	.0						4.1	7.5
E	.7	1.7	1.3	.3	.1							4.2	6.7
ESE	.2	.7	1.3	.7	.1							3.1	8.5
SE	.4	1.2	2.7	.7	.1	.0						5.1	8.0
SSE	.5	1.7	3.5	2.3	.2							8.2	8.9
S	.8	2.8	5.8	2.7	.3							12.4	8.6
SSW	.5	1.5	5.2	3.0	.7	.1						11.1	10.0
SW	.7	2.0	3.5	2.7	.5	.0						9.3	9.3
WSW	.4	1.0	2.3	1.3	.2	.2						5.5	9.4
W	.3	1.1	2.8	1.0	.1							5.4	8.7
WNW	.2	.9	1.8	1.4	.4	.1	.1					4.8	10.3
NW	.2	1.0	2.2	1.5	.2	.0						5.2	9.5
NNW	.2	.7	2.0	.9	.2	.0						4.0	9.2
VARBL													
CALM												3.4	
	8.0	21.9	42.2	20.7	3.4	.5	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 3092

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.6	.6	.0							4.9	6.5
NNE	1.0	1.3	1.1	.1	.0	.0						3.6	5.7
NE	1.3	1.8	1.2	.2								4.5	5.4
ENE	1.1	1.5	1.2	.2	.1							4.0	5.8
E	1.3	2.1	1.6	.1	.1							5.3	6.0
ESE	.6	1.3	1.3	.5								3.6	6.8
SE	1.7	2.3	2.5	.6								7.1	6.4
SSE	1.6	2.9	2.9	.6	.1							8.1	6.5
S	2.7	4.8	5.3	.8	.1							13.7	6.4
SSW	1.0	2.4	4.3	1.1	.1							8.9	7.6
SW	1.3	1.6	2.4	.9								6.2	6.9
WSW	.6	1.2	1.3	.4	.1	.0						3.5	7.1
W	.7	1.6	1.4	.5	.1							4.2	6.9
WNW	.5	.8	1.3	.5	.2							3.3	8.0
NW	.8	1.1	1.8	.4	.1	.0						4.3	7.2
NNW	.4	1.0	1.4	.2	.1	.0						3.1	7.0
VARBL													
CALM												11.8	
	17.6	29.1	32.6	7.8	1.0	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3101

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	1.2	.1	.1							4.2	5.6
NNE	1.2	1.0	1.0	.0	.1							3.4	5.3
NE	1.0	1.1	.9	.4			.0					3.4	6.0
ENE	.5	1.1	.9	.2								2.7	6.0
E	1.3	1.4	1.4	.2								4.3	5.3
ESE	1.0	1.1	.7	.1								2.9	5.2
SE	2.5	2.0	1.6	.6								6.7	5.6
SSE	2.4	2.6	2.9	.2								8.1	5.6
S	2.4	4.4	3.2	.3								10.2	5.6
SSW	1.9	2.5	2.6	.7	.1	.0						7.8	6.6
SW	1.6	2.2	1.6	.4	.0							5.8	5.8
WSW	1.0	1.7	.7	.1	.0							3.6	5.3
W	1.4	1.3	1.0	.4	.0		.0					4.2	5.9
WNW	.2	.5	.8	.2	.1							1.9	8.1
NW	.7	.5	1.5	.3								3.0	7.0
NNW	.3	.5	.8	.3	.0							2.1	7.4
VARBL													
CALM												25.8	
	20.8	25.6	22.8	4.5	.5	.0	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3098

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.2	1.4	.1	.1							5.7	5.0
NNE	1.3	1.4	.9	.2		.0						3.8	5.2
NE	1.6	1.5	1.6	.2	.0							4.9	5.6
ENE	.6	.5	.6	.2	.0							2.0	6.1
E	1.5	1.1	.6	.1								3.3	4.6
ESE	.3	.3	.4									1.0	5.3
SE	1.4	.9	.6	.1								2.9	4.4
SSE	1.3	1.9	1.1	.0								4.4	5.0
S	3.2	3.7	1.4	.1								8.4	4.5
SSW	1.6	2.4	1.7	.2	.1							6.0	5.7
SW	2.0	1.7	1.1	.2								5.0	4.8
WSW	1.1	1.0	1.2	.1								3.5	5.5
W	1.2	1.0	.7	.1	.0							3.1	5.1
WNW	.4	.5	.4	.2		.0						1.5	6.7
NW	.9	.7	.7	.1	.0							2.4	5.3
NNW	.8	.7	.9	.2	.0							2.7	6.1
VARBL													
CALM												39.6	
	21.2	21.6	15.4	1.9	.3	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 3233

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.2	1.5	.1	.0							6.3	4.8
NNE	1.1	1.9	1.2	.2	.0							4.4	5.7
NE	1.1	2.0	1.4	.2	.1							4.8	5.8
ENE	.8	.6	.6	.1								2.1	5.0
E	1.0	.9	.4									2.3	4.4
ESE	.6	.5	.1									1.2	3.9
SE	1.3	1.0	.3	.0								2.7	4.1
SSE	1.3	1.7	.6	.0								3.6	4.5
S	2.8	3.2	1.4	.0								7.4	4.5
SSW	1.4	2.1	.7	.1								4.3	4.8
SW	2.3	2.0	1.2	.1								5.7	4.7
WSW	1.0	1.3	1.0	.1	.0							3.4	5.6
W	1.6	1.2	.8	.2								3.8	4.9
WNW	.3	.6	.9	.1		.0						1.9	6.8
NW	.4	.6	1.1	.1	.1							2.3	6.8
NNW	.9	1.2	1.1	.1								3.3	5.4
VARBL													
CALM												40.5	
	20.5	23.0	14.4	1.3	.2	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAFETAC FORM JUL 54 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.3	1.6	.2								5.5	5.5
NNE	1.0	1.7	1.3	.2								4.1	5.7
NE	1.7	2.0	1.3	.3	.1							5.4	5.6
ENE	1.0	1.1	1.0	.3								3.4	5.9
E	1.4	1.6	.9	.2	.0							4.3	5.3
ESE	.8	1.0	.9	.1								2.7	5.5
SE	1.8	1.1	.8	.0	.1							3.7	4.7
SSE	1.6	1.6	.8	.1								4.1	4.7
S	3.1	4.6	2.0	.1								9.8	4.9
SSW	1.8	2.2	1.6	.3	.1							6.0	5.7
SW	2.3	2.6	2.4	.1	.0							7.4	5.4
WSW	1.2	1.3	1.5	.4	.0							4.4	6.3
W	1.4	1.9	1.7	.3								5.4	5.8
WNW	.5	.6	1.3	.2								2.5	6.7
NW	.9	.9	1.4	.4	.0							3.6	6.5
NNW	.6	1.1	1.1	.2	.0							3.1	6.3
VARBL													
CALM												24.4	
	22.5	27.6	21.5	3.6	.4							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 3234

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.1	.5	.1							6.0	6.3
NNE	1.0	2.0	1.2	.2								4.4	5.8
NE	1.0	1.5	1.6	.5	.1							4.7	6.6
ENE	1.0	1.6	1.3	.3	.2							4.4	6.5
E	1.1	2.0	1.4	.3	.1	.0						4.8	6.0
ESE	.6	1.1	1.5	.2								3.4	6.5
SE	1.1	2.0	1.4	.3		.0						4.7	6.1
SSE	1.0	1.8	1.9	.4								5.0	6.3
S	1.9	3.3	3.6	.7								9.5	6.3
SSW	.8	2.8	3.4	.8	.2							8.0	7.3
SW	1.6	2.6	3.7	.9	.2	.0						9.0	7.0
WSW	.9	1.8	2.6	.8	.1							6.2	7.4
W	1.2	2.2	3.9	.6	.1	.1						8.1	7.2
WNW	.5	1.3	1.7	.6	.2							4.2	7.7
NW	1.1	1.3	2.1	1.1	.1							5.7	7.7
NNW	.7	1.5	1.6	.6								4.4	6.9
VARBL													
CALM												7.4	
	16.6	30.9	35.1	8.7	1.1	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3229

USAFETAC FORM 0 8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.6	2.4	.5	.0	.0						6.3	6.8
NNE	.6	1.5	1.6	.6								4.3	7.0
NE	.8	1.9	1.9	.5	.0	.0						5.3	6.8
ENE	.7	1.4	1.5	.6	.0	.0						4.2	7.0
E	1.7	1.5	1.4	.6	.1							5.3	6.2
ESE	.6	1.0	1.2	.5	.0							3.3	6.8
SE	1.4	1.7	2.2	.5	.1							5.8	6.4
SSE	.7	2.6	2.4	.7								6.4	6.9
S	1.6	3.5	3.9	1.6	.0							10.7	7.0
SSW	.6	2.3	3.2	1.1	.1							7.5	7.6
SW	1.1	2.4	3.4	1.2	.2	.1						8.3	7.8
WSW	.9	1.4	2.5	.8	.1							5.7	7.6
W	.8	1.7	3.0	1.0	.2	.1						6.7	8.0
WNW	.6	1.0	2.0	.6	.1							4.3	7.7
NW	.6	1.5	2.5	1.4	.1							6.0	8.4
NNW	.5	1.0	2.2	1.0	.1	.0						4.7	8.4
VARBL													
CALM												5.1	
	14.1	29.0	37.3	13.1	1.1	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 3233

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.6	2.8	.6								6.9	6.8
NNE	1.1	1.3	1.6	.5	.0	.0						4.6	6.7
NE	1.3	2.2	1.9	.7	.1							6.2	6.6
ENE	.7	1.4	1.8	.6	.0							4.5	7.1
E	1.7	1.7	2.2	.3								5.9	5.9
ESE	.7	1.4	1.4	.2								3.7	6.2
SE	1.2	1.9	2.0	.5								5.6	6.3
SSE	1.0	2.8	3.0	.6	.1							7.5	6.8
S	1.2	3.5	4.5	1.9	.0							11.2	7.5
SSW	1.0	2.5	2.8	1.0	.1							7.3	7.2
SW	1.0	1.9	3.1	1.0	.2	.0						7.2	7.5
WSW	.7	1.6	1.6	.7	.0	.0						4.7	7.3
W	.6	1.9	2.2	.9	.0							5.6	7.6
WNW	.2	.6	1.2	.6	.1							2.8	8.0
NW	.5	1.5	2.3	1.4	.1							5.9	8.4
NNW	.3	1.4	2.8	.8	.0							5.4	8.0
VARBL													
CALM												5.2	
	14.0	30.3	37.4	12.2	.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 3244

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.1	1.5	.2	.1							5.6	5.5
NNE	1.2	1.6	.9	.1	.0							3.8	5.1
NE	1.7	1.8	2.1	.5								6.1	5.9
ENE	1.0	1.4	1.2	.1								3.7	5.7
E	2.1	2.1	1.7	.1	.0							6.1	5.0
ESE	1.1	1.4	1.2	.1								3.7	5.4
SE	2.1	2.4	2.2	.1	.0							6.8	5.3
SSE	1.9	3.5	3.0	.3	.1	.0						8.8	6.0
S	2.5	3.7	3.5	.7								10.4	6.0
SSW	1.4	1.9	1.6	.6		.0						5.4	6.2
SW	1.6	2.0	1.6	.2	.0							5.5	5.7
WSW	.5	1.0	.6	.2								2.3	5.7
W	.8	1.0	1.2	.2	.0	.0						3.3	6.4
WNW	.4	.6	.8	.1	.0							2.0	6.3
NW	.9	1.1	1.5	.2	.1	.0						4.0	6.6
NNW	.8	1.3	1.6	.2		.0						4.2	6.3
VARBL													
CALM												18.1	
	21.9	29.2	26.4	3.8	.4	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3231

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.7	1.2	.1	.0							5.0	4.8
NNE	1.5	.8	.7	.2								3.2	5.0
NE	1.5	1.3	1.8	.4	.1							5.1	6.1
ENE	.6	.6	.7	.2								2.3	6.0
E	1.4	1.5	1.1	.1								4.1	5.2
ESE	.9	.8	.8	.1								2.5	5.2
SE	1.1	1.7	1.0	.0		.0						4.4	4.8
SSE	2.0	3.0	1.3	.1								6.4	4.9
S	3.4	4.4	2.1	.2								10.0	4.9
SSW	1.2	2.0	1.6	.4	.0							5.3	6.0
SW	2.2	1.4	1.2	.1	.0							4.7	5.0
WSW	1.0	1.0	.7	.1	.1							2.8	5.4
W	1.2	1.1	.9	.2	.0	.0						3.5	5.6
WNW	.2	.5	.2	.1	.0	.0						1.1	7.1
NW	.7	1.2	1.0	.2	.0	.0						3.2	6.4
NNW	.7	.9	1.0	.2	.0	.0						2.8	6.2
VARBL													
CALM												33.6	
	21.9	23.9	17.5	2.6	.3	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3236

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.3	1.6	.2								6.1	5.3
NNE	1.5	1.5	1.2	.1								4.3	5.0
NE	1.8	2.0	1.9	.3	.1		.0					6.2	5.9
ENE	.6	1.3	.6	.2								2.6	5.6
E	1.2	.9	.8	.2								3.1	5.2
ESE	.7	.8	.5	.0								2.0	5.0
SE	1.2	1.0	.7	.1	.1							3.1	5.4
SSE	1.7	1.1	1.0	.1								3.8	4.7
S	3.1	3.1	1.6	.2								8.0	4.7
SSW	1.5	1.7	1.1	.2	.0							4.5	5.1
SW	2.0	1.1	.9	.0								4.1	4.4
WSW	.8	.6	.6									2.1	5.0
W	1.2	1.0	.8									3.1	4.9
WNW	.4	.6	.4	.1								1.5	5.9
NW	.8	.7	.7	.1								2.4	5.6
NNW	1.0	1.0	.9	.1			.0					3.0	5.6
VARBL													
CALM												40.3	
	21.5	20.8	15.3	1.8	.2		.1					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 3245

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.3	1.6	.2								6.7	4.9
NNE	1.9	1.7	1.3	.1								4.9	4.9
NE	2.0	2.2	1.9	.2	.0							6.3	5.4
ENE	.9	1.3	.7	.1								3.0	5.2
E	1.0	1.4	.6	.1	.0							3.1	5.0
ESE	.7	.6	.5	.1								1.8	5.0
SE	1.5	.9	.1	.1								2.6	3.6
SSE	1.6	1.4	.8	.0								3.8	4.5
S	2.9	3.1	.8	.2								7.1	4.4
SSW	1.4	1.8	.7	.1	.0							4.0	5.1
SW	1.6	1.3	.7	.1								3.6	4.5
WSW	.6	.7	.5	.0								1.8	5.3
W	1.1	.9	1.4	.0								3.4	5.5
WNW	.4	.6	.4	.1		.1						1.6	6.6
NW	1.0	1.0	.8	.2								3.0	5.5
NNW	1.0	1.4	1.2	.1	.0							3.7	5.6
VARBL													
CALM												39.6	
	22.1	22.5	13.9	1.6	.1	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 3242

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.3	1.8	.2								6.1	5.3
NNE	1.4	1.7	1.4	.2								4.7	5.5
NE	2.0	1.6	2.3	.3								6.2	5.7
ENE	1.2	1.8	1.3	.1								4.6	5.4
E	2.0	1.7	1.3	.1	.0							5.2	4.9
ESE	.8	1.0	.6	.1	.1							2.6	5.5
SE	1.9	1.6	1.0	.3								4.8	5.0
SSE	1.4	1.5	1.3	.1								4.3	5.2
S	2.9	3.6	1.8	.2	.0							8.5	4.9
SSW	1.2	2.2	1.3	.2								4.9	5.5
SW	1.6	1.7	1.4	.0								4.8	5.0
WSW	.6	1.2	1.0	.2								3.0	6.1
W	1.3	1.3	1.3	.2								4.2	5.6
WNW	.4	1.0	.7	.3								2.3	6.6
NW	.8	1.2	1.4	.2								3.6	6.0
NNW	.6	1.1	1.0	.1								3.0	5.9
VARBL													
CALM												27.4	
	22.1	26.5	20.9	2.9	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 3244

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.0	.5								5.8	6.5
NNE	.9	1.8	1.7	.5								4.9	6.4
NE	1.2	2.1	2.0	.3								5.6	6.1
ENE	.7	1.3	1.3	.4	.0							3.8	6.6
E	1.5	2.1	2.4	.4								6.5	6.1
ESE	.7	1.7	1.4	.3	.1							4.2	6.6
SE	1.7	2.0	1.8	.1	.0							5.5	5.5
SSE	1.1	2.3	2.4	.4								6.3	6.4
S	1.8	3.2	3.4	.7	.0							9.1	6.3
SSW	1.2	2.3	3.8	.8	.0		.0					8.1	7.2
SW	1.2	2.4	3.3	.5	.1							7.5	6.8
WSW	.9	1.8	2.3	.6								5.7	7.0
W	1.1	1.7	2.3	.8	.0							6.0	7.0
WNW	.3	1.1	1.4	.6								3.5	7.7
NW	.9	1.4	1.8	.7	.1							4.8	7.1
NNW	.7	1.0	1.8	.5								3.9	7.1
VARBL													
CALM												8.8	
	17.1	30.3	35.0	8.4	.4		.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3253

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	2.9	1.1								6.9	7.3
NNE	.7	1.9	1.8	.6	.0							5.1	6.7
NE	1.4	2.2	2.1	.5								6.3	6.2
ENE	1.0	1.7	1.6	.3								4.6	6.3
E	1.3	2.1	2.2	.6	.1							6.3	6.6
ESE	.7	1.0	1.1	.7	.0							3.6	7.0
SE	1.0	2.1	3.0	.5	.0							6.5	6.9
SSE	.9	2.6	3.2	.7	.0							7.4	7.0
S	1.2	3.3	4.0	1.4								9.9	7.1
SSW	.8	2.0	3.7	1.0								7.5	7.5
SW	.7	2.2	3.1	.8	.1	.0						7.1	7.6
WSW	.5	1.2	1.9	.6	.0							4.3	7.6
W	.8	1.4	2.6	.9	.1							5.8	7.7
WNW	.6	.7	1.8	.7	.1							3.8	8.0
NW	.7	1.3	2.1	1.1	.2							5.4	8.2
NNW	.6	1.1	2.2	.5			.0					4.4	7.6
VARBL													
CALM												5.1	
	13.7	28.9	39.5	12.0	.7	.0	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 3247

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.8	3.0	1.2	.0							8.1	7.2
NNE	1.2	2.3	2.1	.5	.0							6.1	6.3
NE	2.0	2.5	2.2	.5	.1							7.3	6.2
ENE	1.0	1.6	2.2	.4	.0							5.2	6.8
E	1.4	2.1	2.8	.4	.0							6.7	6.3
ESE	.5	1.6	1.2	.4								3.6	6.6
SE	1.2	2.1	2.9	.5	.1							6.8	6.7
SSE	1.1	2.4	3.5	.9	.1	.0						8.0	7.2
S	1.6	3.6	4.7	1.1	.1							11.2	7.0
SSW	.7	2.5	3.0	.8								7.1	7.1
SW	.6	1.5	2.2	.7	.0	.0						5.1	7.6
WSW	.2	.7	1.2	.3	.0							2.5	7.6
W	.8	.7	1.7	.6	.2							4.0	7.7
WNW	.4	1.0	1.1	.6								3.0	7.6
NW	.8	.9	2.2	.5	.0	.1	.0					4.5	7.7
NNW	.5	1.4	2.2	.8	.1							5.0	7.8
VARBL													
CALM												5.6	
	15.0	29.8	38.5	10.1	.9	.2	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3246

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.9	2.2	.2								7.6	5.1
NNE	2.0	1.8	1.1	.2								5.1	4.8
NE	1.9	2.4	1.6	.2	.1	.0						6.2	5.4
ENE	1.4	1.0	.8	.1								3.4	4.9
E	2.3	2.5	1.9	.3	.0							7.0	5.3
ESE	1.2	1.4	1.5	.0								4.1	5.6
SE	1.5	2.6	2.2	.1								6.3	5.6
SSE	1.9	3.4	2.1	.4								7.8	5.6
S	3.4	5.3	2.9	.4	.1	.0						12.0	5.5
SSW	1.3	1.1	1.0	.2		.0						3.6	5.5
SW	.6	1.4	.7	.1	.0							2.7	5.5
WSW	.6	.4	.7									1.7	5.4
W	.9	.9	.7	.2								2.8	5.6
WNW	.3	.6	.4	.2								1.6	6.3
NW	1.1	1.0	1.1	.3								3.5	5.8
NNW	.7	1.2	1.3	.1	.0							3.4	6.1
VARBL													
CALM												21.3	
	23.5	29.9	22.1	2.9	.2	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 3251

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.3	1.2	.3	.0							6.3	5.0
NNE	1.5	1.4	.9	.1								3.9	4.9
NE	2.1	1.5	1.7	.3	.2							5.8	5.8
ENE	.9	1.0	.8	.1								2.9	5.3
E	1.5	1.5	1.2	.1								4.3	5.2
ESE	.7	1.0	.6	.1								2.4	5.2
SE	1.3	1.8	1.6	.1	.0							4.8	5.5
SSE	1.5	1.6	1.6	.1								4.8	5.5
S	3.4	4.1	2.7	.4	.0							10.5	5.2
SSW	1.4	1.9	1.4	.2								4.8	5.4
SW	1.6	1.3	.9	.0	.0							3.8	4.8
WSW	.9	.5	.4	.1								1.8	5.1
W	1.0	.9	.6	.0								2.4	4.8
WNW	.6	.4	.3	.1	.1							1.4	6.2
NW	.6	.7	.6	.2								2.0	5.9
NNW	.8	1.0	.9	.2	.1	.0						3.1	6.6
VARBL													
CALM												34.8	
	22.1	22.9	17.3	2.3	.5	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 3249

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.5	2.3	.7	.0							7.8	5.9
NNE	1.2	1.7	1.3	.4								4.5	5.7
NE	1.2	1.9	2.1	.5	.0	.0						5.8	6.5
ENE	1.0	.8	.4	.1	.0							2.4	5.2
E	1.2	.9	.4	.1								2.6	4.5
ESE	1.0	.4	.1									1.5	3.2
SE	1.0	1.7	.8	.2								3.6	5.1
SSE	1.8	2.5	1.2	.3								5.7	5.2
S	2.9	3.1	2.1	.2	.1							8.3	5.2
SSW	1.2	1.5	1.7	.4		.0						4.8	6.3
SW	1.1	1.5	.7	.1	.0							3.3	5.0
WSW	1.1	1.1	.4									2.6	4.5
W	1.0	1.3	.6	.0	.0							3.0	5.1
WNW	.5	.7	.4	.2	.0							1.8	6.2
NW	.8	.9	1.3	.4	.1		.0					3.6	7.2
NNW	1.0	1.0	1.6	.4	.1							3.9	6.8
VARBL													
CALM												34.8	
	20.0	23.4	17.9	3.8	.4	.1	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 3139

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.2	2.2	.5	.0	.0						8.1	5.8
NNE	1.4	1.5	1.6	.3								4.8	5.7
NE	1.6	2.1	2.2	.4	.1							6.4	6.1
ENE	.7	.8	.3	.0		.0						1.9	5.1
E	.9	.5	.4	.2								2.0	4.9
ESE	.7	.8	.1	.0	.0							1.7	4.6
SE	1.5	1.2	.5	.1								3.3	4.5
SSE	1.8	2.5	1.0	.1								5.4	4.8
S	3.4	3.0		.2		.0						8.4	4.9
SSW	1.2	1.5	.9	.2								3.9	5.4
SW	1.3	1.0	1.1									3.5	5.1
WSW	.5	.7	.4									1.6	5.3
W	1.3	1.3	.6	.3	.0							3.5	5.4
WNW	.3	.6	.6	.1	.0							1.7	6.6
NW	.6	1.4	1.3	.3	.2	.0						3.9	7.3
NNW	.3	1.4	1.5	.4	.1							4.2	7.0
VARBL													
CALM												35.7	
	20.2	23.7	16.5	3.3	.4	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3143

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	1.9	.7	.1							6.5	6.3
NNE	1.2	1.6	1.4	.4	.0							4.6	6.0
NE	2.0	2.1	2.5	.4	.2	.0						7.2	6.3
ENE	1.0	1.3	.9	.2								3.4	5.6
E	1.5	1.7	.8	.1	.0							4.1	4.8
ESE	1.1	.8	.5	.1								2.4	4.7
SE	2.1	1.6	1.1	.2	.0	.0						5.1	5.0
SSE	2.0	2.5	1.3	.4								6.2	5.4
S	2.5	4.1	2.5	.5	.0							9.6	5.5
SSW	1.0	1.7	2.0	.3								5.1	6.3
SW	1.7	1.2	1.4	.3								4.6	5.7
WSW	.6	1.5	.6									2.6	5.0
W	1.0	1.1	.9	.4								3.3	6.0
WNW	.2	.6	.8	.4	.1							2.1	8.3
NW	.9	1.3	1.4	.6	.1							4.3	7.1
NNW	.6	1.1	1.6	.6	.2							4.1	7.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.7	
	20.9	26.4	21.7	5.5	.7	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3142

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.5	1.1								6.3	7.4
NNE	.6	1.5	1.7	.7	.2							4.7	7.6
NE	1.0	1.4	1.9	.8	.1	.0						5.2	7.5
ENE	.8	1.7	1.7	.3	.2	.0						4.8	7.1
E	1.7	2.0	1.6	.5								5.8	6.1
ESE	.7	1.1	1.2	.4								3.3	6.5
SE	.9	1.6	2.0	.4								5.0	6.7
SSE	1.1	1.7	3.0	1.0	.1							7.0	7.3
S	1.8	3.9	4.3	1.9	.2							12.1	7.3
SSW	1.2	2.3	3.6	1.6	.2							8.8	7.8
SW	1.5	1.7	2.8	1.1	.4		.0					7.4	7.8
WSW	.5	1.4	1.6	.7	.1	.1						4.4	7.8
W	.8	1.6	2.4	.9	.2	.0						5.9	7.9
WNW	.3	.4	1.6	.8	.1	.0						3.2	9.2
NW	.5	1.0	2.1	1.6	.4		.0					5.6	9.5
NNW	.5	1.2	1.6	.6	.1							4.0	8.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.5	
	15.0	26.0	35.7	14.3	2.2	.2	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3136

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.0	2.5	1.1	.0							6.4	7.6
NNE	.6	1.2	2.2	.7	.1							4.9	7.7
NE	1.0	1.2	2.4	1.1	.3	.0						6.1	8.3
ENE	.8	1.4	1.7	.5	.0							4.4	7.0
E	1.0	1.6	1.9	.7								5.2	6.7
ESE	.5	1.0	1.1	.4	.0							3.1	7.0
SE	1.0	1.3	2.3	.8								5.4	7.1
SSE	.5	2.0	3.4	1.2	.2	.0						7.4	8.1
S	1.0	2.9	5.8	3.2	.5	.0						13.4	8.8
SSW	.8	1.6	3.5	2.1	.1	.0	.0					8.0	8.7
SW	.8	2.1	2.8	1.2	.2	.1						7.2	8.1
WSW	.3	1.2	1.4	.6	.2							3.7	8.3
W	.7	1.0	2.3	1.0	.1	.1						5.2	8.5
WNW	.3	.8	1.6	1.4	.3							4.3	9.9
NW	.5	1.2	2.9	1.7	.5	.1						6.8	9.6
NNW	.6	1.2	1.8	1.2	.1	.0						5.0	8.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.5	
	11.0	23.7	39.8	19.0	2.5	.3	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 3143

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	2.5	1.2	.1							7.1	7.3
NNE	1.0	1.5	2.0	.6	.1							5.2	6.9
NE	1.0	2.1	2.7	1.0	.3							7.0	7.6
ENE	.7	1.3	1.7	.5	.1							4.2	7.0
E	1.2	1.7	1.7	.3	.0							5.0	6.1
ESE	.5	.9	1.4	.3								3.2	6.9
SE	1.6	2.5	3.0	.4	.1							7.6	6.4
SSE	.6	2.6	4.0	1.4	.2							8.7	8.0
S	1.2	3.3	5.5	2.8	.3							13.1	8.3
SSW	.6	1.8	3.4	1.7	.3							7.9	8.7
SW	.4	1.5	1.9	.6		.0						4.5	7.6
WSW	.2	.5	.7	.3	.1	.0						1.8	8.7
W	.3	1.2	1.8	.5	.1							4.0	8.1
WNW	.6	.8	1.3	.6	.2	.0						3.7	8.2
NW	.5	1.3	2.6	1.7	.2		.0					6.4	8.8
NNW	.7	1.8	1.9	1.3	.2							6.0	8.0
VARBL													
CALM												4.9	
	12.6	26.7	38.3	15.4	2.1	.1	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3144

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.6	1.4	.4	.1							6.5	5.5
NNE	1.8	1.5	1.5	.3	.1							5.3	5.6
NE	.9	2.7	2.3	.4								6.3	6.3
ENE	.9	1.3	.6	.2	.1							3.0	5.7
E	1.1	1.9	1.2	.2								4.4	5.6
ESE	1.2	.7	1.0	.2								3.1	5.4
SE	1.7	2.3	2.6	.3		.0						6.9	6.0
SSE	1.8	3.7	3.1	.6	.0	.0						9.2	6.3
S	2.3	4.5	4.5	.9	.1							12.2	6.4
SSW	.8	1.1	1.5	.5	.0							4.0	6.9
SW	.7	1.1	.8	.2								2.8	5.8
WSW	.6	.4	.4									1.3	4.7
W	1.0	.7	.8	.1								2.5	5.2
WNW	.4	.4	.6	.3		.0						1.7	7.2
NW	1.1	1.3	1.4	.4	.1							4.2	6.6
NNW	1.1	1.3	1.7	.5	.0							4.6	6.7
VARBL													
CALM												22.0	
	19.3	27.5	25.3	5.4	.5	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3138

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SUPFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.4	1.6	.2	.1							6.5	5.2
NNE	1.4	1.4	1.7	.2	.1	.0						4.7	6.1
NE	1.3	1.7	1.9	.5	.1	.0						5.5	6.6
ENE	.8	1.1	.8	.1	.0							2.9	5.9
E	1.5	1.6	1.1	.1	.0							4.3	5.2
ESE	.8	1.1	.4	.0								2.3	4.6
SE	1.4	1.6	1.3	.3								4.5	5.6
SSE	1.7	1.9	1.8	.2	.1							5.6	5.7
S	2.7	3.6	4.0	.4	.0							10.7	5.9
SSW	.9	1.4	1.9	.4	.0							4.7	6.7
SW	1.6	1.6	.9	.1	.0		.0					4.3	5.1
WSW	.6	.4	.2	.0	.1							1.4	5.1
W	.9	1.3	.5	.0								2.7	5.0
WNW	.3	.4	.4	.1	.0							1.2	6.6
NW	1.1	.9	1.3	.4	.0	.0						3.7	6.8
NNW	.7	1.5	1.4	.6		.0	.0					4.2	7.0
VARBL													
CALM												30.7	
	19.8	23.7	21.1	3.8	.6	.1	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3149

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	1.7	.4	.2	.0						6.2	6.2
NNE	1.0	1.4	1.7	.2								4.2	6.0
NE	1.2	1.5	1.4	.4	.1							4.6	6.3
ENE	.4	.7	.6	.1								1.8	5.6
E	.9	.9	.6	.1								2.6	4.9
ESE	.9	.7	.4	.0								2.0	4.6
SE	1.8	1.6	.8									4.2	4.4
SSE	1.2	1.8	1.4	.2	.2	.1						4.9	6.3
S	2.4	3.6	2.8	.6	.1	.0						9.6	6.0
SSW	1.2	2.0	2.2	.4	.1							5.5	6.4
SW	1.5	1.5	.8	.2	.1							4.0	5.1
WSW	.8	1.0	.8	.2								2.8	5.7
W	1.1	1.6	1.7	.2	.1							4.7	6.3
WNW	.3	.8	1.1	.6	.2	.0						2.9	8.5
NW	.9	1.4	1.5	1.0	.3							5.2	8.2
NNW	.9	1.4	1.4	.9	.1	.0						4.6	7.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	29.8	
	18.0	24.5	20.8	5.4	1.3	.2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3248

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.2	1.9	.4	.2	.0						7.4	5.7
NNE	1.1	1.7	1.8	.2	.0							4.7	5.8
NE	1.2	2.0	1.4	.3								4.9	5.7
ENE	.5	.4	.4	.1								1.4	5.6
E	1.0	1.1	.5									2.6	4.5
ESE	.6	.9	.3									1.8	4.5
SE	1.4	1.6	.7	.1								3.8	4.7
SSE	1.4	1.8	1.4	.4	.1	.1						5.1	6.2
S	2.5	3.0	2.3	.7	.1							8.7	5.9
SSW	1.2	1.9	1.3	.4	.0							4.9	6.1
SW	1.4	2.0	1.0	.2	.1							4.7	5.6
WSW	1.1	.7	.6	.1								2.6	4.9
W	1.1	1.7	1.2	.4	.2							4.6	6.5
WNW	.8	.8	1.6	.8	.1	.0	.0					4.2	8.1
NW	.6	1.0	1.7	.7	.2							4.2	8.0
NNW	.5	1.3	1.6	.7	.1							4.2	7.8
VARBL													
CALM												30.3	
	19.2	24.2	19.5	5.5	1.0	.1	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 3246

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.3	1.9	.5	.1							6.3	6.1
NNE	.9	1.7	1.4	.3								4.3	5.9
NE	1.0	1.7	1.6	.3	.0							4.6	6.3
ENE	.6	.9	.8	.1								2.4	5.7
E	1.6	1.0	.7	.1								3.5	4.5
ESE	1.0	1.2	.4	.0								2.7	4.5
SE	1.8	1.8	.7	.1								4.4	4.5
SSE	1.9	2.0	1.5	.5								5.9	5.6
S	2.7	4.4	3.0	.9	.2	.0						11.2	6.1
SSW	1.3	2.0	1.6	.3	.1							5.2	6.1
SW	1.3	1.4	1.4	.3	.1							4.6	6.0
WSW	.9	1.4	.7	.2	.0							3.1	5.5
W	1.0	1.7	1.9	.7	.1							5.6	7.0
WNW	.5	1.1	1.7	.7	.2	.1						4.4	8.6
NW	.7	.9	1.9	1.1	.2							4.7	8.2
NNW	.5	1.1	2.0	.9	.1	.0						4.6	8.2
VARBL													
CALM												22.7	
	19.3	26.6	23.2	7.0	1.1	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3243

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.0	1.1	.1							4.9	8.3
NNE	.5	1.1	1.4	.4	.1							3.5	7.0
NE	.7	1.5	1.7	.5	.1							4.6	7.3
ENE	.7	1.1	1.0	.2	.1							3.0	6.3
E	1.1	1.6	1.5	.4	.0							4.6	6.5
ESE	.6	1.1	1.2	.2								3.1	6.3
SE	1.5	1.6	1.3	.6	.0	.0						5.1	6.4
SSE	.9	1.7	2.4	1.1	.1	.1						6.2	7.9
S	1.8	3.2	5.6	2.2	.3	.1						13.1	8.0
SSW	.7	2.1	4.0	1.9	.2							8.9	8.5
SW	.9	1.8	3.4	1.3	.3	.1						7.8	8.4
WSW	.3	1.3	2.1	.7	.1							4.5	8.0
W	.5	1.2	2.3	1.5	.3	.1	.0					5.9	9.3
WNW	.2	1.1	2.2	2.4	.3	.1	.0					6.4	10.5
NW	.6	1.2	2.5	1.9	.6	.1	.0					6.9	10.0
NNW	.3	1.0	2.2	1.3	.2	.1						5.0	9.4
VARBL													
CALM												6.4	
	11.8	23.7	36.8	17.8	2.9	.5	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3234

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	2.0	1.6	.1							6.0	8.0
NNE	.6	1.0	1.3	.6	.1							3.5	7.6
NE	.7	1.3	1.7	.7	.2	.0						4.5	7.7
ENE	.3	1.0	1.4	.2	.0							2.9	7.2
E	.8	1.4	1.4	.3								4.0	6.2
ESE	.3	1.0	1.3	.3	.1							3.0	7.3
SE	.7	1.4	1.5	.5	.1	.1						4.3	7.4
SSE	.4	1.4	3.4	2.0	.3	.0						7.4	9.4
S	.7	2.5	5.5	4.2	.4	.2						13.4	9.5
SSW	.2	1.3	3.9	2.1	.5	.1						8.2	9.8
SW	.5	1.4	2.5	1.8	.6	.0						6.9	9.6
WSW	.1	1.4	2.1	.9	.1	.1	.0					4.7	8.8
W	.5	1.1	3.2	1.8	.2	.0						6.8	9.4
WNW	.2	.9	3.0	2.2	.8	.2						7.4	11.2
NW	.5	1.0	3.1	2.5	.7	.1	.0					8.0	10.6
NNW	.4	1.1	2.3	1.6	.2							5.6	9.2
VARBL													
CALM												3.3	
	7.6	20.9	39.5	23.3	4.5	.8	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 3242

USAFETAC FORM 0 8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	2.4	1.0	.0							5.9	7.6
NNE	.6	1.6	1.4	.3	.1							4.1	6.8
NE	.9	1.4	1.6	.5	.0							4.4	6.8
ENE	.7	1.2	1.2	.3								3.4	6.4
E	1.0	1.6	1.3	.1								4.0	5.7
ESE	.7	1.1	1.0	.2								3.1	6.1
SE	.9	2.2	2.3	.5	.1	.1						6.1	6.9
SSE	.7	2.2	4.0	2.4	.4	.0						9.7	8.7
S	1.2	3.1	5.6	3.2	.3							13.5	8.5
SSW	.5	1.4	2.8	1.4	.3							6.4	8.8
SW	.6	1.1	1.7	1.0	.3	.0						4.6	8.5
WSW	.3	1.2	1.4	.4	.0							3.3	7.5
W	.5	1.4	1.7	1.2	.1	.1						4.9	8.3
WNW	.3	1.4	2.9	1.7	.4	.1	.0	.0				6.9	9.8
NW	.7	1.4	3.3	2.5	.4	.1						8.4	9.4
NNW	.5	1.5	2.0	1.1	.1							5.2	8.2
VARBL													
CALM												6.2	
	10.6	25.6	36.7	18.1	2.4	.3	.0	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3246

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	2.0	.6	.0							6.4	6.2
NNE	.7	1.2	1.5	.2								3.6	6.1
NE	1.2	1.5	1.4	.2	.0							4.4	6.0
ENE	.8	1.1	.7	.2								2.8	5.6
E	1.1	1.3	1.1	.1								3.7	5.4
ESE	.6	1.5	1.2	.2								3.5	6.0
SE	1.6	2.7	2.3	.3	.0							6.8	5.9
SSE	1.3	3.2	3.6	.9	.1							9.1	6.9
S	2.3	3.5	4.3	1.3	.0	.1						11.5	6.8
SSW	.8	1.0	1.8	.5	.1							4.2	7.4
SW	1.4	.6	.9	.2	.0							3.1	8.5
WSW	1.0	.7	.6	.2								2.5	5.5
W	.7	1.1	1.2	.2	.1							3.4	6.6
WNW	.7	1.0	1.4	.5	.2	.1						4.0	7.9
NW	1.0	1.8	2.2	.8	.2	.0						6.1	7.7
NNW	.6	1.4	2.0	.6	.1	.0						4.5	7.4
VARBL													
CALM												20.3	
	17.3	25.9	28.3	6.9	1.0	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3244

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.0	1.6	.5	.0							5.8	6.0
NNE	.7	1.3	1.7	.3								4.0	6.6
NE	1.2	1.1	1.9	.5	.0							4.7	6.7
ENE	.4	.7	.7	.2								2.0	6.2
E	1.1	1.2	.6	.1								2.9	4.8
ESE	.6	1.0	.6	.1								2.4	5.8
SE	1.6	2.2	1.1	.2		.0						5.2	5.2
SSE	1.1	2.6	2.3	.4	.2	.0						6.6	6.7
S	2.3	3.9	4.0	.8	.2	.1						11.2	6.5
SSW	1.1	1.5	2.3	.4	.0	.1						5.4	6.7
SW	1.4	1.[illegible]	1.3	.4	.0							4.4	6.0
WSW	.7	1.1	.9	.2	.1							3.0	6.2
W	.9	1.2	.8	.3			.1					3.2	6.4
WNW	.6	1.0	1.1	.6	.2	.0						3.6	7.8
NW	.7	1.6	1.[illegible]	.8	.2	.1						5.1	7.9
NNW	.4	1.1	1.3	.9	.2							3.8	8.4
VARBL													
CALm												26.7	
	16.3	24.9	24.0	4.6	1.0	.3	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3249

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.8	.3	.0							4.7	6.2
NNE	.5	1.3	1.0	.3								3.1	6.3
NE	.5	.9	.6	.4	.1							2.5	7.0
ENE	.3	.3	.3	.2	.1	.1						1.1	8.4
E	.8	.6	.9	.3								2.6	6.0
ESE	.7	.7	.4	.2	.1	.1						2.1	6.6
SE	.5	1.4	1.3	.2	.1	.1						3.5	6.8
SSE	.8	1.3	1.9	1.1	.3							5.4	7.9
S	2.5	3.5	4.0	1.5	.3		.0					11.7	6.9
SSW	1.0	1.6	2.1	.9	.3							5.8	7.5
SW	1.4	1.9	1.6	.2	.0	.1	.0	.0				5.2	6.2
WSW	.9	1.3	1.2	.4	.1	.0						3.9	6.6
W	1.0	1.7	2.1	1.4	.4	.2						6.8	8.8
WNW	.7	.9	2.7	1.9	.6	.2	.0					7.0	10.5
NW	1.1	1.8	3.6	2.1	.4	.1						9.1	9.0
NNW	.9	1.2	2.2	1.3	.4	.1	.0					6.1	9.3
VAREL													
CALM												19.4	
	14.7	21.8	27.6	16.3	3.2	.9	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3139

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	.9	.8	.1							4.8	6.5
NNE	.3	.9	1.0	.2	.1							2.4	7.0
NE	.8	.8	.8	.2	.1							2.7	6.2
ENE	.5	.6	.3	.1	.0							1.5	5.3
E	.6	.9	.5	.3	.1		.0					2.4	6.8
ESE	.4	.6	.2	.2	.1							1.5	6.9
SE	.7	1.1	1.3	.2	.1	.1						3.6	7.4
SSE	1.0	1.7	1.7	.9	.3	.0						5.7	7.8
S	2.3	3.6	4.0	1.1	.3							11.3	6.9
SSW	.8	1.4	1.6	.5	.2							4.5	7.2
SW	1.7	1.7	2.1	.1	.1	.1		.0				5.8	6.2
WSW	.7	1.1	1.2	.2	.1	.1	.0					3.4	7.1
W	1.0	2.2	2.4	.9	.5	.0						6.9	8.0
WNW	.5	1.6	2.8	2.3	.6	.2	.0	.0				8.0	10.4
NW	.6	1.8	3.1	2.3	.8	.1	.0					8.8	9.9
NNW	.8	1.1	2.2	1.4	.3	.0						5.8	8.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.0	
	13.9	22.8	26.1	11.5	3.8	.7	.1	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3144

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 30-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.4	.5	.1	.0						4.4	6.9
NNE	.8	.9	1.1	.5								3.2	6.6
NE	.7	.7	.7	.2	.1							2.3	[illegible]
ENE	.4	.5	.6	.2		.0						1.7	7.1
E	.8	.7	.7	.3	.1							2.6	6.7
ESE	.7	.8	.7	.2	.0							2.3	5.9
SE	1.0	1.7	1.3	.2	.1	.0	.0	.0				4.4	6.6
SSE	1.3	2.0	1.8	.7	.2	.1						6.0	7.0
S	2.2	3.9	3.9	2.1	.3	.1						12.4	7.3
SSW	.8	1.6	1.8	.8	.2	.1						5.1	7.7
SW	1.5	1.9	1.2	.3	.0	.0						5.0	5.8
WSW	.7	1.3	1.1	.3	.1	.1	.0					3.5	7.2
W	1.2	2.1	2.7	1.1	.3							7.5	7.8
WNW	.6	1.5	3.2	2.4	.7	.2	.1	.0				8.7	10.4
NW	.8	1.6	3.0	2.5	.6	.2						8.7	9.7
NNW	.3	1.3	2.0	1.1	.3							4.9	8.9
VARBL													
CALM												17.3	
	14.4	23.9	26.9	13.4	3.1	.8	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 3142

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	2.0	1.1	.2							5.5	7.8
NNE	.3	.7	1.0	.4	.1							2.4	8.4
NE	.4	.7	1.5	.3	.1							3.0	7.2
ENE	.3	.5	.7	.2	.3							2.0	8.3
E	.9	1.1	1.1	.2	.0							3.3	6.3
ESE	.3	.7	1.0	.3	.1							2.3	7.6
SE	.7	.9	1.4	.5	.2	.1	.1					3.9	8.2
SSE	.6	1.7	2.3	1.6	.4	.1						6.7	9.2
S	1.3	3.7	4.9	3.0	1.0	.2	.0					14.0	9.0
SSW	1.0	1.6	2.5	2.3	.9	.2	.0					8.5	9.9
SW	.9	1.5	2.5	.9	.3	.1						6.1	8.3
WSW	.3	1.2	1.5	1.1	.4	.2	.0	.0				4.7	9.9
W	.4	.8	2.5	1.9	.5	.1	.0					6.2	10.4
WNW	.5	1.1	2.8	3.4	1.1	.4		.0				9.3	11.7
NW	.5	1.6	3.5	4.0	1.2	.4	.0					11.3	11.3
NNW	.2	.7	2.2	1.8	.2	.1						5.2	10.1
VARBL													
CALM												5.5	
	9.4	19.9	33.3	22.9	6.8	1.8	.2	.1				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3134

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	1.7	1.0	.1							5.0	7.6
NNE	.4	.8	1.1	.3	.2	.1						2.9	8.1
NE	.4	.7	1.0	.4	.0							2.5	7.6
ENE	.2	.8	.5	.2	.1							1.8	7.9
E	.8	1.0	.6	.3	.1							2.8	6.3
ESE	.3	.7	1.3	.4								2.7	7.7
SE	.4	.7	1.5	.9	.1	.1						3.7	8.8
SSE	.5	1.0	2.4	2.2	.5	.3	.0					7.0	10.5
S	.7	2.0	5.4	4.1	1.2	.2	.1					13.7	10.6
SSW	.7	1.2	3.2	2.8	1.0	.4	.1					9.5	11.3
SW	.5	1.0	2.5	1.2	.5	.1	.0					5.9	9.7
WSW	.4	1.1	1.6	.9	.4	.1	.1					4.5	9.7
W	.5	1.1	2.8	2.2	.8	.3						7.6	10.7
WNW	.2	.9	2.1	4.4	2.3	.4	.1					11.3	12.9
NW	.2	1.3	3.2	4.1	1.6	.3						10.8	11.7
NNW	.4	.6	2.5	1.7	.3	.2						5.5	10.2
VARBL													
CALM												2.8	
	7.4	16.2	34.4	27.2	9.3	2.2	.4					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 3139

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
EYAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	1.6	.7	.1							4.4	7.2
NNE	.4	.6	1.1	.3	.1							2.5	7.4
NE	.5	.8	1.1	.3	.0							2.7	7.3
ENE	.6	.8	.5	.5								2.5	6.8
E	1.0	1.2	1.1	.4								3.7	6.2
ESE	.5	.7	1.4	.5	.1							3.1	7.7
SE	.5	1.3	2.2	.9	.1	.1						5.1	8.4
SSE	.7	2.0	3.8	2.7	.4	.0						9.8	9.3
S	1.0	2.2	5.0	3.9	1.0	.2						13.3	9.9
SSW	.8	.9	1.6	1.7	.5	.0						5.5	9.7
SW	.6	1.1	1.3	.7	.2	.2	.0					4.1	9.0
WSW	.5	.8	1.5	.4	.2	.0						3.4	8.1
W	.5	1.4	2.4	1.6	.8	.1						6.8	10.0
WNW	.6	1.2	2.8	3.7	1.2	.4	.0					9.9	11.5
NW	.8	2.0	3.9	3.2	1.1	.4	.0					11.4	10.4
NNW	.5	1.7	2.3	1.5	.3	.0						6.3	8.6
VARBL													
CALM												5.3	
	10.3	20.1	33.7	22.9	6.1	1.5	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 3138

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	2.3	.7	.0							5.5	7.0
NNE	.5	.8	1.2	.3	.0							2.9	7.1
NE	.7	.6	1.1	.5		.0						2.8	7.5
ENE	.6	.4	.8	.2	.1							2.1	6.9
E	1.2	1.5	1.5	.2								4.3	5.6
ESE	.8	1.2	1.4	.3	.1							3.8	6.9
SE	.9	1.6	1.7	.3	.2							4.7	6.6
SSE	.6	2.0	3.7	2.6	.2	.0						9.1	9.0
S	1.4	2.6	4.6	3.3	.4	.0						12.3	8.7
SSW	.6	1.0	1.6	1.1	.3							4.5	8.6
SW	.8	.7	.9	.4	.2	.1						3.1	7.6
WSW	.7	1.0	.8	.2	.1							2.7	6.3
W	1.0	1.8	2.2	1.1	.4	.0	.0					6.5	8.1
WNW	.8	1.1	2.9	1.9	.8	.2	.0					7.7	10.3
NW	.9	1.9	3.1	1.8	.7	.2						8.4	9.2
NNW	.7	1.3	2.1	1.3	.2	.1	.0					5.8	8.7
VARBL													
CALM												13.7	
	13.1	21.0	31.9	15.9	3.7	.6	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3136

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	2.2	.6	.1							5.4	7.1
NNE	.2	.8	1.1	.3	.0	.0						2.4	7.8
NE	.4	.9	.8	.4	.0							2.5	6.8
ENE	.6	.3	.5	.2	.1	.0						1.7	7.3
E	1.0	1.1	.8	.2								3.2	5.3
ESE	.5	.9	.9	.4	.1							2.8	7.3
SE	1.0	1.0	1.3	.2	.1	.1						3.7	6.7
SSE	.9	1.5	3.0	1.0	.2	.1						6.5	7.9
S	2.0	3.0	4.9	2.3	.2	.0						12.3	7.7
SSW	.8	1.6	3.0	.9	.3							6.5	8.1
SW	1.4	1.4	1.8	.5	.1	.0						5.3	6.6
WSW	.8	1.1	1.1	.2								3.2	5.9
W	.7	1.6	2.7	1.1	.4	.1						6.6	8.7
WNW	.6	1.5	1.9	1.6	.7	.4	.1	.1				6.7	10.9
NW	.8	1.8	3.3	1.9	.4	.3	.0					8.5	9.4
NNW	.7	1.1	2.1	1.3	.4	.1						5.7	9.3
VARBL													
CALM												17.1	
	13.0	21.4	31.3	13.0	3.1	1.1	.1	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3139

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	2.6	.7	.1	.0						6.5	7.1
NNE	.6	.9	1.2	.4	.2							3.2	7.7
NE	.5	.9	.9	.7								3.0	7.4
ENE	.6	.6	1.0	.4	.0							2.6	7.3
E	.9	1.1	1.1	.4	.0							3.5	6.5
ESE	.5	.9	1.2	.4								3.0	6.9
SE	1.4	1.5	1.4	.6	.1							4.8	6.3
SSE	.8	1.9	2.2	.7	.1	.1						5.8	7.4
S	1.8	3.3	4.1	1.5	.1	.0						10.8	7.2
SSW	1.2	1.8	2.3	.8	.0	.0						6.2	6.9
SW	1.1	1.3	1.5	.3	.1	.0						4.4	6.6
WSW	.7	1.1	1.4	.2	.1							3.8	7.0
W	.7	1.8	2.5	.7	.4	.2	.0					6.4	8.8
WNW	.5	1.0	2.2	2.3	1.0	.2						7.3	11.1
NW	.6	1.6	3.2	2.2	.8	.1						8.6	9.6
NNW	.7	1.1	3.1	1.8	.3							6.9	9.1
VARBL													
CALM												13.2	
	13.7	22.7	31.9	14.5	3.3	.7	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 3238

USAFETAC FORM 0-8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	2.0	1.1	.2							6.6	7.2
NNE	.7	.7	1.2	.9	.1							3.6	8.1
NE	.5	1.1	.8	.3	.1	.0						2.8	7.0
ENE	.8	.6	.7	.5	.2							2.7	7.5
E	1.0	1.5	1.0	.1	.1							3.6	5.7
ESE	.5	.6	1.2	.3								2.7	7.0
SE	1.0	1.7	1.1	.4								4.2	5.9
SSE	1.3	2.0	2.5	.9	.1	.1						6.9	7.1
S	1.6	3.0	4.0	1.5	.2	.0						10.3	7.4
SSW	1.1	1.5	1.8	.6	.2	.0						5.3	7.1
SW	1.1	1.1	1.8	.4	.1	.0	.0					4.6	7.0
WSW	.6	1.4	1.8	.5	.1	.1						4.5	7.5
W	.8	1.5	2.0	.8	.4	.2						5.8	8.6
WNW	.3	1.1	3.1	2.5	.6	.1		.1				7.9	10.6
NW	.8	1.2	2.7	2.2	1.0							7.8	10.0
NNW	.6	1.7	2.9	1.5	.3							6.9	8.4
VARBL													
CALM												13.9	
	14.1	22.9	30.5	14.5	3.5	.6	.0	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 3233

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	2.2	.9	.1							5.6	7.3
NNE	.7	1.1	1.3	.7	.1							3.9	7.7
NE	.9	1.0	1.2	.2	.0							3.3	6.3
ENE	.8	.6	.7	.5	.1	.0						2.7	7.5
E	.7	1.4	1.2	.2	.1							3.6	6.4
ESE	.7	.8	1.0	.3								2.7	6.3
SE	1.0	1.7	2.1	.5	.1							5.5	6.9
SSE	.6	1.9	2.5	.8	.1							6.0	7.3
S	1.8	3.4	4.1	1.7	.3	.0						11.2	7.5
SSW	1.1	1.5	1.9	.6	.0	.0						5.2	7.1
SW	1.4	1.6	2.1	.3	.0	.1						5.5	6.4
WSW	.9	1.2	1.1	.7	.2	.0						4.0	7.3
W	.9	1.2	2.5	1.1	.5	.3						6.3	9.3
WNW	.7	1.2	2.0	2.0	.9	.2	.1					7.1	10.6
NW	.8	1.7	3.0	2.4	.7	.1	.1					8.8	9.8
NNW	.9	1.6	2.3	1.5	.2							6.5	8.2
VARBL													
CALM												11.9	
	14.8	23.4	31.1	14.4	3.4	.8	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 3241

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	1.7	1.3	.2							5.2	8.5
NNE	.6	1.1	.8	.8	.0							3.4	7.5
NE	.6	1.6	1.2	.4	.0							3.9	6.7
ENE	.2	.8	1.0	.6	.2							2.9	8.8
E	.6	1.4	1.1	.3	.1	.0						3.5	6.8
ESE	.6	.6	1.5	.6	.1							3.4	7.9
SE	.8	1.1	1.8	1.0	.1	.0						4.8	7.9
SSE	.6	1.2	3.7	1.6	.2							7.3	8.8
S	1.6	2.8	4.7	2.8	.4	.1						12.4	8.4
SSW	.9	1.4	3.1	2.0	.3	.1						7.9	8.9
SW	.8	1.6	2.0	1.0	.2	.1						5.7	8.0
WSW	.5	.8	1.4	.6	.5	.2						4.1	10.0
W	.7	1.5	2.4	2.2	.8	.3	.0					7.9	10.4
WNW	.5	1.0	2.7	3.3	.8	.2	.0					8.5	11.1
NW	.5	1.5	3.1	3.4	1.0	.4	.0	.1				9.9	11.4
NNW	.4	1.3	2.0	1.6	.1	.0						5.4	8.8
VARBL													
CALM												3.9	
	10.4	21.2	34.4	23.6	4.9	1.4	.1	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 3245

USAFETAC FORM JUL 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.0	1.1	.3	.0						5.1	8.9
NNE	.5	.3	1.2	.7	.2							2.9	8.9
NE	.3	.8	1.2	.6								2.9	7.7
ENE	.3	1.0	1.0	.5	.0							2.7	7.4
E	.4	.9	1.0	.4	.1							2.8	7.6
ESE	.3	.7	1.6	.6	.1	.0						3.3	8.4
SE	.5	1.2	2.2	1.2	.3							5.4	9.0
SSE	.4	1.3	3.2	2.3	.5	.0						7.7	9.9
S	.9	1.6	4.8	3.2	.4	.1						11.0	9.5
SSW	.9	1.5	2.7	2.4	.7	.0						8.2	9.6
SW	.8	1.2	2.6	1.2	.3							6.0	8.5
WSW	.5	.6	1.5	1.2	.6	.1						4.4	10.6
W	.5	1.3	3.1	2.1	.6	.4	.1					8.2	10.8
WNW	.5	.8	3.1	3.5	1.3	.3	.1					9.7	11.9
NW	.5	1.5	3.5	4.3	1.1	.2	.0					11.1	11.2
NNW	.5	1.0	2.4	1.6	.2							5.8	9.1
VARBL													
CALM												2.8	
	8.2	16.8	37.0	27.1	6.7	1.3	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 3241

USAFETAC FORM 0 8 5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	1.8	1.0	.2	.1						5.6	7.9
NNE	.6	.9	.6	1.1	.1							3.3	8.5
NE	.4	.9	1.2	.6								3.1	7.6
ENE	.6	1.0	1.3	.3	.0							3.3	6.9
E	.6	1.6	1.3	.6	.1							4.2	7.2
ESE	.6	1.0	1.5	.5	.1							3.7	7.4
SE	.8	1.7	2.1	1.2	.1	.1						6.0	8.2
SSE	.8	1.8	3.9	3.4	.6	.0						10.4	9.6
S	1.2	2.2	4.3	2.5	.4	.1	.0					10.7	8.9
SSW	.7	1.1	1.6	1.5	.3	.1						5.3	9.3
SW	.6	1.0	1.0	.2	.1							3.0	6.6
WSW	.5	.9	.8	.4	.2	.1						2.8	8.1
W	.7	1.0	2.6	1.9	.4	.2						6.7	9.9
WNW	.7	1.7	3.6	2.3	1.0	.7	.1					9.7	10.2
NW	.6	2.0	4.6	3.3	.7	.2						11.5	10.0
NNW	.5	1.3	2.7	1.2	.3	.1	.0					6.1	9.0
VARBL													
CALM												4.4	
	10.8	21.6	35.0	22.2	4.6	1.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 3245

DATA PROCESSING BRANCH
2 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	2.1	1.0	.2	.1						6.2	7.7
NNE	.8	.7	1.2	.6	.1							3.3	7.5
NE	.5	.6	1.1	.6	.2	.0						3.2	8.3
ENE	.7	.7	1.0	.4								2.8	6.7
E	.6	1.0	1.3	.6	.1	.0						4.5	7.0
ESE	1.0	1.3	1.5	.6	.0	.0						4.3	6.7
SE	.9	1.7	2.1	1.0	.2	.1						6.0	8.0
SSE	.8	1.6	2.3	2.2	.4	.0						8.6	9.0
S	1.1	2.5	4.5	2.0	.3	.1						10.5	8.4
SSW	.6	.9	2.2	.9	.2	.0						4.8	8.5
SW	.9	1.1	.7	.3	.1							3.1	6.1
WSW	.7	.6	.7	.1	.2	.1						2.4	7.2
W	1.3	.9	1.7	1.1	.5	.1	.1					5.7	9.3
WNW	.7	1.7	2.9	2.7	.9	.1		.0				9.0	10.2
NW	1.1	1.9	2.7	2.4	.7	.1						8.9	9.2
NNW	1.0	1.3	2.2	1.6	.4							6.5	8.6
VARBL													
CALM												10.2	
	14.1	21.2	31.2	18.0	4.5	.7	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3232

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	2.4	1.1	.1		.0					6.7	7.5
NNE	.7	.4	1.1	.4	.1	.0						2.7	7.6
NE	.6	.8	1.2	.7	.2							3.5	8.3
ENE	.5	.7	1.1	.2								2.5	6.9
E	.8	1.5	.8	.4	.1							3.5	6.6
ESE	.6	.9	1.3	.5	.1							3.5	7.1
SE	1.3	1.5	1.7	.5	.1							5.0	6.5
SSE	1.1	1.6	2.2	1.1	.2	.1						6.3	7.9
S	1.3	2.8	4.4	2.0	.2	.0						10.8	8.0
SSW	1.2	1.5	2.7	.8	.1							6.2	7.5
SW	1.5	1.2	1.2	.5	.1							4.5	6.3
WSW	.7	.9	.6	.2	.1							2.5	6.1
W	.8	1.3	2.4	1.4	.2	.2	.0					6.3	9.1
WNW	.6	1.4	2.8	2.7	1.0	.2						8.6	10.8
NW	.7	1.4	3.3	1.9	.6	.1						8.0	9.6
NNW	.6	1.5	2.4	1.8	.4	.0						6.7	9.1
VARBL													
CALM												12.7	
	14.0	21.3	31.4	16.3	3.5	.7	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3232

USAFETAC FORM 0-8-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	3.4	2.0	.4	.0						8.9	8.5
NNE	.8	1.4	2.3	1.2	.2	.0	.0					5.9	8.3
NE	.8	1.6	2.2	1.3	.4	.1	.0					6.3	8.6
ENE	.6	.9	1.4	.8	.2	.1	.0					4.0	8.5
E	1.0	1.5	2.0	.9	.2	.0	.0					5.6	7.6
ESE	.6	1.0	1.5	.8	.1	.0						4.0	8.1
SE	1.1	1.4	1.9	.8	.2	.1	.0					5.6	7.6
SSE	.7	1.3	2.1	1.2	.3	.1	.0	.0				5.8	8.7
S	1.1	1.8	2.7	1.2	.2	.1						7.2	7.9
SSW	.6	.8	1.1	.6	.1	.0	.0		.0			3.3	8.2
SW	.9	.9	.9	.2	.1	.0	.0	.0				3.0	6.3
WSW	.5	.6	.6	.2	.2	.0	.0					2.2	7.7
W	.9	1.2	1.7	.8	.4	.1	.0	.0				5.1	8.8
WNW	.4	1.0	2.0	1.9	1.0	.3	.1	.0	.0	.0		6.7	11.7
NW	.8	1.4	2.9	2.6	1.0	.2	.1	.0				9.0	10.5
NNW	.5	1.4	3.0	2.4	.6	.1	.0					8.1	10.1
VARBL													
CALM												9.4	
	12.4	20.4	31.7	19.0	5.5	1.2	.3	.1	.0	.0		100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 33992

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

S74-29963

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

874 29964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0 16	≥¼	≥0
NO CEILING	30.8	47.0	49.5	51.2	52.5	52.6	53.2	53.4	53.4	54.7	53.8	53.8	53.9	53.9	53.9	54.0
≥ 20000	34.6	52.8	55.6	57.5	58.9	59.1	59.7	60.0	60.0	60.3	60.4	60.4	60.5	60.5	60.6	60.7
≥ 18000	34.9	53.1	55.9	57.9	59.3	59.5	60.1	60.3	60.4	60.7	60.8	60.8	60.9	60.9	60.9	61.0
≥ 16000	35.1	53.5	56.2	58.4	59.8	60.0	60.6	60.8	60.9	61.1	61.3	61.3	61.4	61.4	61.4	61.5
≥ 14000	35.8	54.8	57.7	59.8	61.2	61.4	62.0	62.3	62.3	62.6	62.7	62.7	62.8	62.9	62.9	63.0
≥ 12000	36.9	56.9	59.9	62.1	63.6	63.9	64.5	64.7	64.8	65.1	65.2	65.2	65.3	65.3	65.4	65.5
≥ 10000	38.2	59.3	62.6	64.8	66.4	66.7	67.3	67.6	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.3
≥ 9000	38.6	60.0	63.3	65.6	67.2	67.4	68.1	68.4	68.4	68.7	68.9	68.9	69.0	69.0	69.0	69.1
≥ 8000	39.4	61.5	64.9	67.3	69.0	69.3	70.0	70.2	70.3	70.6	70.7	70.7	70.8	70.8	70.9	71.0
≥ 7000	40.1	62.8	66.4	68.8	70.6	70.9	71.6	71.9	71.9	72.2	72.4	72.4	72.5	72.5	72.5	72.6
≥ 6000	40.8	64.1	67.8	70.4	72.2	72.5	73.3	73.5	73.6	73.9	74.1	74.1	74.2	74.2	74.2	74.3
≥ 5000	41.7	65.9	69.8	72.5	74.4	74.7	75.5	75.8	75.8	76.2	76.3	76.3	76.4	76.4	76.5	76.6
≥ 4500	42.2	66.9	70.8	73.6	75.5	75.8	76.6	76.9	77.0	77.3	77.5	77.5	77.6	77.6	77.6	77.7
≥ 4000	43.1	68.5	72.6	75.5	77.5	77.8	78.7	79.0	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.8
≥ 3500	43.8	69.8	74.0	77.0	79.1	79.4	80.3	80.6	80.7	81.0	81.2	81.2	81.3	81.3	81.4	81.5
≥ 3000	44.6	71.5	75.9	79.0	81.2	81.5	82.5	82.8	82.9	83.3	83.4	83.4	83.5	83.5	83.6	83.7
≥ 2500	45.3	73.1	77.7	80.9	83.2	83.6	84.6	85.0	85.0	85.4	85.6	85.6	85.7	85.7	85.8	85.9
≥ 2000	46.0	74.9	79.8	83.2	85.7	86.2	87.2	87.6	87.7	88.2	88.3	88.3	88.5	88.5	88.5	88.6
≥ 1800	46.1	75.3	80.3	83.8	86.4	86.8	87.9	88.3	88.4	88.9	89.0	89.0	89.2	89.2	89.2	89.3
≥ 1500	46.4	76.2	81.5	85.2	87.9	88.4	89.6	90.1	90.2	90.7	90.8	90.8	91.0	91.0	91.0	91.2
≥ 1200	46.6	77.0	82.9	86.4	89.4	89.9	91.2	91.7	91.8	92.4	92.6	92.6	92.7	92.7	92.8	92.9	92.9
≥ 1000	46.7	77.5	83.2	87.3	90.4	91.0	92.5	93.0	93.2	93.8	94.0	94.0	94.2	94.2	94.2	94.3
≥ 700	46.7	77.7	83.4	87.6	90.9	91.5	93.0	93.6	93.7	94.3	94.6	94.6	94.8	94.8	94.8	95.0
≥ 600	46.7	77.7	83.7	88.0	91.4	92.0	93.6	94.3	94.4	95.1	95.4	95.4	95.6	95.6	95.7	95.8
≥ 700	46.8	78.1	83.9	88.3	91.8	92.5	94.2	94.9	95.1	95.8	96.1	96.1	96.3	96.3	96.4	96.5
≥ 600	46.8	78.1	84.1	88.6	92.1	92.9	94.7	95.3	95.7	96.3	96.8	96.8	97.0	97.1	97.1	97.2
≥ 500	46.8	78.1	84.2	88.7	92.4	93.2	95.2	96.1	96.3	97.2	97.6	97.6	97.9	97.9	98.0	98.1
≥ 400	46.8	78.2	84.2	88.8	92.6	93.4	95.5	96.4	96.7	97.7	98.1	98.1	98.4	98.5	98.6	98.7
≥ 300	46.8	78.2	84.2	88.8	92.6	93.5	95.6	96.6	96.9	98.0	98.5	98.6	98.9	99.0	99.1	99.2
≥ 200	46.8	78.2	84.2	88.8	92.6	93.5	95.6	96.7	97.0	98.1	98.7	98.7	99.1	99.2	99.4	99.6
≥ 100	46.8	78.2	84.2	88.8	92.6	93.5	95.6	96.7	97.0	98.2	98.7	98.8	99.2	99.3	99.5	99.8
0	46.8	78.2	84.2	88.8	92.6	93.5	95.6	96.7	97.0	98.2	98.7	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 303600

USAF ETAC FORM NO. 0-11-5 (O. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.8	35.0	37.8	40.3	42.5	42.8	43.9	44.3	44.4	44.8	45.0	45.0	45.2	45.2	45.3	45.5
≥ 20000	19.2	38.5	41.7	44.6	47.2	47.6	48.8	49.3	49.4	49.9	50.1	50.1	50.3	50.3	50.4	51.7
> 18000	19.5	38.9	42.2	45.1	47.7	48.0	49.2	49.7	49.8	50.4	50.6	50.6	50.8	50.8	50.9	51.1
≥ 16000	19.7	39.4	42.7	45.7	48.3	48.7	49.9	50.4	50.5	51.0	51.2	51.2	51.4	51.5	51.5	51.8
≥ 14000	20.2	40.4	43.9	46.9	49.6	50.0	51.3	51.8	51.9	52.4	52.6	52.6	52.8	52.9	52.9	53.2
≥ 12000	21.1	42.1	45.7	48.8	51.8	52.2	53.4	54.0	54.1	54.6	54.8	54.9	55.0	55.1	55.1	55.4
≥ 10000	21.8	43.8	47.7	50.9	54.0	54.4	55.7	56.3	56.4	56.9	57.2	57.2	57.4	57.4	57.5	57.7
≥ 9000	22.0	44.3	48.2	51.5	54.6	55.0	56.3	56.9	57.0	57.6	57.8	57.8	58.0	58.0	58.1	58.4
≥ 8000	22.4	45.4	49.4	52.8	55.9	56.4	57.7	58.3	58.4	59.0	59.2	59.2	59.4	59.4	59.5	59.8
≥ 7000	22.8	46.4	50.4	54.0	57.2	57.6	59.0	59.6	59.7	60.3	60.6	60.6	60.8	60.8	60.9	61.1
≥ 6000	23.2	47.1	51.4	55.0	58.3	58.8	60.2	60.8	60.9	61.5	61.8	61.8	62.0	62.0	62.1	62.4
≥ 5000	23.7	48.4	52.7	56.5	59.9	60.4	61.9	62.5	62.6	63.2	63.5	63.5	63.7	63.7	63.8	64.1
≥ 4500	24.0	49.1	53.5	57.3	60.7	61.3	62.8	63.4	63.6	64.2	64.5	64.5	64.7	64.7	64.8	65.0
≥ 4000	24.5	50.1	54.8	58.7	62.2	62.7	64.4	65.0	65.2	65.8	66.1	66.1	66.3	66.3	66.4	66.7
≥ 3500	25.0	51.3	56.1	60.2	63.8	64.3	66.0	66.7	66.8	67.5	67.8	67.8	68.0	68.0	68.1	68.4
≥ 3000	25.5	52.5	57.5	61.8	65.5	66.1	67.8	68.5	68.7	69.4	69.7	69.7	70.0	70.0	70.1	70.4
≥ 2500	25.9	54.2	59.6	64.1	68.0	68.6	70.5	71.2	71.4	72.1	72.5	72.5	72.8	72.8	72.9	73.1
≥ 2000	26.5	56.2	62.3	67.3	71.4	72.1	74.2	75.1	75.3	76.1	76.5	76.5	76.8	76.9	76.9	77.2
≥ 1800	26.6	56.8	63.0	68.1	72.4	73.2	75.3	76.2	76.4	77.3	77.6	77.6	77.9	78.0	78.1	78.3
≥ 1500	26.9	58.1	64.5	70.3	74.9	75.7	78.1	79.1	79.3	80.3	80.7	80.7	81.0	81.1	81.2	81.4
≥ 1200	27.0	59.1	66.4	72.2	77.3	78.2	80.9	82.0	82.3	83.4	83.9	83.9	84.3	84.3	84.4	84.7
≥ 1000	27.1	59.7	67.3	73.4	78.9	80.0	83.0	84.3	84.6	86.0	86.5	86.6	87.0	87.0	87.1	87.4
≥ 900	27.2	59.9	67.7	74.0	79.6	80.7	83.9	85.3	85.6	87.0	87.6	87.7	88.2	88.2	88.3	88.6
≥ 800	27.2	60.2	68.1	74.5	80.3	81.5	84.9	86.4	86.7	88.3	89.0	89.0	89.6	89.6	89.8	90.0
≥ 700	27.2	60.4	68.4	75.0	81.0	82.3	85.9	87.5	87.8	89.5	90.2	90.2	90.8	90.9	91.0	91.3
≥ 600	27.3	60.6	68.7	75.4	81.6	82.9	86.7	88.4	88.8	90.6	91.4	91.5	92.1	92.2	92.3	92.6
≥ 500	27.3	60.8	68.9	75.7	82.1	83.4	87.7	89.6	90.1	92.2	93.1	93.2	93.9	94.0	94.2	94.5
≥ 400	27.3	60.8	68.9	75.8	82.3	83.8	88.3	90.5	91.1	93.4	94.5	94.6	95.4	95.5	95.7	96.0
≥ 300	27.3	60.8	69.0	75.9	82.4	84.0	88.6	91.0	91.7	94.3	95.6	95.8	96.8	97.0	97.3	97.6
≥ 200	27.3	60.8	69.0	75.9	82.5	84.1	88.7	91.1	91.9	94.7	96.2	96.3	97.6	97.9	98.3	98.8
≥ 100	27.3	60.8	69.0	75.9	82.5	84.1	88.7	91.2	91.9	94.7	96.3	96.4	97.8	98.1	98.6	99.4
≥ 0	27.3	60.8	69.0	75.9	82.5	84.1	88.7	91.2	91.9	94.7	96.3	96.4	97.8	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 25105

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 30,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS IST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥0	≥0
NO CEILING	22.7	37.6	40.4	42.8	44.4	44.6	45.3	45.5	45.5	45.8	45.9	45.9	46.0	46.0	46.0	46.0
≥ 20000	24.6	[illegible].2	44.4	47.2	49.0	49.2	50.0	50.2	50.3	50.6	50.7	50.7	50.8	50.8	50.8	50.9
≥ 18000	24.6	[illegible].5	44.8	47.6	49.4	49.7	50.5	50.7	50.7	51.0	51.2	51.2	51.2	51.2	51.3	51.3
≥ 16000	24.9	41.9	45.2	48.0	49.9	50.1	50.9	51.1	51.2	51.4	51.6	51.6	51.7	51.7	51.7	51.7
≥ 14000	25.3	42.7	46.1	49.0	50.9	51.1	52.0	52.2	52.2	52.5	52.6	52.7	52.7	52.7	52.8	52.8
≥ 12000	26.0	44.1	47.7	50.7	52.8	53.0	53.9	54.2	54.2	54.5	54.7	54.7	54.8	54.8	54.8	54.8
≥ 10000	26.8	45.8	49.6	52.8	55.0	55.3	56.2	56.5	56.5	56.8	57.0	57.0	57.1	57.1	57.1	57.2
≥ 9000	27.1	46.3	50.2	53.5	55.7	55.9	56.9	57.1	57.2	57.5	57.7	57.7	57.8	57.8	57.8	57.8
≥ 8000	27.7	47.6	51.6	55.0	57.3	57.5	58.5	58.8	58.8	59.1	59.3	59.3	59.4	59.4	59.4	59.5
≥ 7000	28.3	48.7	52.8	56.4	58.7	59.0	60.0	60.3	60.3	60.7	60.8	60.9	60.9	61.0	61.0	61.0
≥ 6000	28.8	49.9	54.2	57.9	60.4	60.7	61.8	62.0	62.1	62.4	62.6	62.6	62.7	62.7	62.7	62.8
≥ 5000	29.8	51.7	56.4	60.3	62.9	63.2	64.4	64.7	64.7	65.1	65.2	65.3	65.4	65.4	65.4	65.4
≥ 4500	30.0	52.4	57.1	61.1	63.8	64.1	65.3	65.6	65.7	66.0	66.2	66.2	66.3	66.3	66.3	66.4
≥ 4000	30.5	53.4	58.4	62.5	65.3	65.7	66.9	67.3	67.3	67.7	67.8	67.9	68.0	68.0	68.0	68.1
≥ 3500	31.0	54.5	59.6	63.9	66.8	67.2	68.6	68.9	69.0	69.3	69.5	69.5	69.6	69.6	69.6	69.7
≥ 3000	31.7	56.2	61.7	66.2	69.3	69.7	71.1	71.5	71.6	71.9	72.1	72.1	72.3	72.3	72.3	72.4
≥ 2500	32.5	58.1	64.0	68.7	72.0	72.5	74.0	74.5	74.5	75.0	75.2	75.2	75.3	75.3	75.3	75.4
≥ 2000	33.4	60.6	67.1	72.3	76.2	76.8	78.5	79.0	79.1	79.7	79.9	79.9	80.0	80.1	80.1	80.1
≥ 1800	33.6	61.2	67.9	73.2	77.3	77.9	79.7	80.2	80.4	80.9	81.1	81.2	81.3	81.3	81.3	81.4
≥ 1500	34.1	62.6	69.7	75.5	80.1	80.8	82.8	83.5	83.6	84.3	84.5	84.6	84.7	84.7	84.7	84.8
≥ 1200	34.2	63.6	71.2	77.4	82.4	83.2	85.6	86.5	86.6	87.4	87.7	87.8	87.9	87.9	88.0	88.0
≥ 1000	34.3	64.1	71.9	78.4	83.7	84.7	87.2	88.3	88.5	89.5	89.9	89.9	90.1	90.2	90.2	90.3
≥ 900	34.3	64.2	72.0	78.7	84.0	85.1	87.8	89.0	89.2	90.2	90.7	90.8	91.0	91.0	91.0	91.1
≥ 800	34.3	64.3	72.2	79.0	84.6	85.8	88.7	89.9	90.2	91.4	92.0	92.0	92.3	92.3	92.4	92.4
≥ 700	34.3	64.4	72.4	79.4	85.2	86.5	89.3	90.9	91.2	92.6	93.3	93.3	93.6	93.6	93.7	93.8
≥ 600	34.3	64.5	72.5	79.5	85.6	87.0	90.2	91.8	92.1	93.7	94.5	94.5	94.8	94.9	94.9	95.0
≥ 500	34.3	64.5	72.5	79.7	85.9	87.3	90.7	92.5	92.9	94.8	95.8	95.8	96.2	96.3	96.3	96.4
≥ 400	34.3	64.5	72.6	79.7	86.0	87.5	91.1	93.0	93.5	95.6	96.7	96.8	97.2	97.3	97.4	97.5
≥ 300	34.3	64.5	72.6	79.7	86.1	87.6	91.3	93.3	93.9	96.1	97.4	97.5	98.1	98.3	98.3	98.5
≥ 200	34.3	64.5	72.6	79.7	86.1	87.6	91.3	93.4	94.0	96.4	97.8	97.9	98.5	98.9	99.1	99.4
≥ 100	34.3	64.5	72.6	79.7	86.1	87.6	91.3	93.4	94.0	96.4	97.8	98.0	98.8	99.0	99.2	99.7
0	34.3	64.5	72.6	79.7	86.1	87.6	91.3	93.4	94.0	96.4	97.8	98.0	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 22901

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.8	40.9	42.9	44.3	45.2	45.3	45.7	45.8	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	29.6	45.4	47.5	49.1	50.2	50.3	50.7	50.9	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	29.8	45.8	47.9	49.5	50.6	50.7	51.1	51.2	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.6
≥ 16000	30.1	46.2	48.3	50.0	51.0	51.1	51.6	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.1
≥ 14000	30.8	47.5	49.7	51.4	52.5	52.6	53.1	53.2	53.2	53.5	53.5	53.5	53.6	53.6	53.6	53.6
≥ 12000	31.7	49.3	51.7	53.5	54.7	54.8	55.2	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 10000	32.9	51.5	54.1	56.0	57.3	57.4	57.8	58.0	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4
≥ 9000	33.2	52.1	54.8	56.8	58.0	58.2	58.6	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.2	59.2
≥ 8000	33.9	53.6	56.4	58.4	59.7	59.9	60.3	60.5	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 7000	34.8	55.3	58.2	60.4	61.8	61.9	62.4	62.6	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	35.7	57.0	60.1	62.4	63.9	64.0	64.6	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 5000	36.9	59.4	62.7	65.1	66.6	66.8	67.3	67.5	67.5	67.8	67.9	67.9	67.9	67.9	67.9	68.0
≥ 4500	37.5	60.5	63.9	66.4	68.0	68.2	68.8	69.0	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 4000	38.5	62.4	66.0	68.6	70.3	70.5	71.1	71.3	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.8
≥ 3500	39.2	64.1	67.9	70.7	72.4	72.6	73.2	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.9	73.9
≥ 3000	40.3	66.5	70.5	73.4	75.3	75.5	76.2	76.4	76.5	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 2500	41.4	68.9	73.3	76.4	78.4	78.6	79.3	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 2000	42.2	71.5	76.2	79.7	81.9	82.2	83.0	83.3	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 1800	42.3	72.1	76.9	80.5	82.8	83.1	84.0	84.3	84.4	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1500	42.6	73.4	78.6	82.5	85.0	85.4	86.5	86.8	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1200	42.8	74.4	79.9	84.1	87.0	87.5	88.7	89.1	89.2	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1000	42.9	74.9	80.8	85.4	88.7	89.2	90.7	91.2	91.3	91.9	92.1	92.1	92.2	92.2	92.2	92.2
≥ 900	42.9	75.1	81.1	85.9	89.4	90.0	91.5	92.0	92.2	92.9	93.1	93.1	93.2	93.2	93.2	93.2
≥ 800	43.0	75.3	81.5	86.4	90.1	90.8	92.5	93.1	93.3	94.0	94.2	94.3	94.4	94.4	94.4	94.4
≥ 700	43.0	75.5	81.8	86.8	90.7	91.5	93.3	94.0	94.2	95.0	95.3	95.3	95.5	95.5	95.5	95.5
≥ 600	43.0	75.6	81.9	87.1	91.1	92.0	94.0	94.8	95.1	96.0	96.3	96.3	96.5	96.5	96.6	96.6
≥ 500	43.0	75.6	82.0	87.3	91.5	92.4	94.6	95.6	95.9	97.0	97.4	97.5	97.7	97.7	97.8	97.8
≥ 400	43.0	75.7	82.1	87.4	91.6	92.6	94.9	96.0	96.3	97.6	98.0	98.1	98.3	98.4	98.5	98.5
≥ 300	43.0	75.7	82.1	87.4	91.7	92.7	95.0	96.2	96.6	97.9	98.5	98.5	98.9	98.9	99.0	99.1
≥ 200	43.0	75.7	82.1	87.4	91.7	92.7	95.0	96.2	96.6	98.0	98.6	98.7	99.1	99.2	99.3	99.4
≥ 100	43.0	75.7	82.1	87.4	91.7	92.7	95.0	96.2	96.6	98.0	98.6	98.7	99.2	99.3	99.5	99.7
0	43.0	75.7	82.1	87.4	91.7	92.7	95.0	96.2	96.6	98.0	98.6	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 25931

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	43.9	45.3	46.1	46.6	46.6	46.8	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.2
≥ 20000	37.7	51.1	52.7	53.6	54.1	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8
≥ 18000	38.1	51.6	53.2	54.1	54.6	54.7	55.0	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 16000	38.4	52.2	53.8	54.7	55.3	55.4	55.6	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	56.0
≥ 14000	39.4	53.7	55.3	56.2	56.8	56.9	57.1	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5
≥ 12000	40.8	55.9	57.6	58.6	59.2	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9
≥ 10000	42.6	58.9	60.8	61.9	62.5	62.7	62.9	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 9000	43.2	59.9	61.8	62.9	63.6	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 8000	44.3	61.9	64.0	65.2	65.9	66.0	66.3	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 7000	45.5	64.0	66.1	67.4	68.2	68.3	68.6	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0
≥ 6000	46.9	66.3	68.6	70.0	70.8	70.9	71.2	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7
≥ 5000	48.3	68.8	71.3	72.8	73.7	73.9	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7
≥ 4500	49.1	70.2	72.8	74.4	75.4	75.5	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.3	76.3
≥ 4000	50.4	72.4	75.2	76.8	77.9	78.1	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9
≥ 3500	51.3	73.9	76.8	78.5	79.7	79.9	80.2	80.4	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7
≥ 3000	52.5	76.0	79.1	80.9	82.2	82.4	82.8	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.4
≥ 2500	53.5	78.2	81.5	83.4	84.8	85.1	85.5	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.1
≥ 2000	54.3	80.4	84.0	86.1	87.6	87.9	88.3	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.9	88.9
≥ 1300	54.4	80.8	84.5	86.7	88.3	88.5	89.0	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1500	54.7	81.8	85.8	88.2	89.9	90.1	90.7	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3
≥ 1200	54.9	82.8	87.1	89.7	91.5	91.9	92.5	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2
≥ 1000	55.0	83.5	88.1	91.0	92.9	93.4	94.1	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.9
≥ 900	55.1	83.8	88.5	91.5	93.5	93.9	94.7	95.0	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.5
≥ 800	55.1	84.1	88.8	92.0	94.1	94.6	95.5	95.8	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.4
≥ 700	55.2	84.3	89.1	92.4	94.7	95.2	96.1	96.6	96.6	96.9	97.0	97.0	97.1	97.2	97.2	97.2
≥ 600	55.2	84.4	89.3	92.7	95.1	95.7	96.8	97.3	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.1
≥ 500	55.2	84.5	89.4	92.9	95.4	96.0	97.3	97.9	98.0	98.4	98.6	98.6	98.7	98.7	98.8	98.8
≥ 400	55.2	84.5	89.5	92.9	95.6	96.2	97.6	98.2	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.3
≥ 300	55.2	84.5	89.5	93.0	95.6	96.3	97.7	98.4	98.6	99.0	99.3	99.3	99.5	99.5	99.6	99.6
≥ 200	55.2	84.5	89.5	93.0	95.6	96.3	97.7	98.4	98.6	99.1	99.4	99.4	99.6	99.6	99.7	99.8
≥ 100	55.2	84.5	89.5	93.0	95.6	96.3	97.7	98.4	98.6	99.1	99.4	99.4	99.6	99.7	99.7	99.9
0	55.2	84.5	89.5	93.0	95.6	96.3	97.7	98.4	98.6	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 25030

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	49.7	51.1	52.0	52.5	52.7	52.9	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 20000	43.1	57.6	59.2	60.2	60.9	61.1	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.8	61.8
≥ 18000	43.4	57.9	59.6	60.6	61.3	61.4	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2
≥ 16000	43.6	58.3	60.0	61.0	61.7	61.9	62.2	62.3	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.6
≥ 14000	44.6	60.1	61.8	62.9	63.6	63.7	64.0	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.5
≥ 12000	46.0	62.0	63.9	65.0	65.7	65.9	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7
≥ 10000	47.6	64.8	66.9	68.1	68.9	69.0	69.4	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.9
≥ 9000	48.2	65.7	67.8	69.0	69.8	70.0	70.3	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8
≥ 8000	49.7	68.1	70.3	71.6	72.4	72.6	73.0	73.1	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5
≥ 7000	50.6	69.9	72.2	73.5	74.4	74.5	74.9	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.5
≥ 6000	51.6	71.6	73.9	75.3	76.2	76.4	76.8	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.4	77.4
≥ 5000	52.9	73.6	76.3	77.8	78.8	78.9	79.4	79.6	79.6	79.8	79.8	79.9	79.9	79.9	79.9	80.0
≥ 4500	53.5	74.9	77.5	79.0	80.0	80.2	80.7	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 4000	54.7	76.9	79.7	81.2	82.3	82.5	83.0	83.2	83.2	83.4	83.5	83.5	83.5	83.6	83.6	83.6
≥ 3500	55.6	78.4	81.2	82.8	83.9	84.1	84.6	84.9	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 3000	56.8	80.5	83.5	85.3	86.5	86.7	87.2	87.5	87..	87.7	87.8	87.8	87.9	87.9	87.9	87.9
≥ 2500	57.6	82.1	85.2	87.1	88.4	88.6	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9
≥ 2000	58.3	83.7	87.1	89.2	90.6	90.8	91.4	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1800	58.4	84.0	87.5	89.6	91.1	91.3	92.0	92.3	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7
≥ 1500	58.7	84.8	88.5	90.8	92.3	92.6	93.3	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1200	58.8	85.5	89.3	91.8	93.4	93.8	94.5	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.3
≥ 1000	59.0	86.1	90.1	92.7	94.4	94.8	95.6	95.9	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.5
≥ 900	59.0	86.3	90.3	93.0	94.8	95.2	96.0	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9
≥ 800	59.0	86.5	90.7	93.4	95.4	95.8	96.7	97.0	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6
≥ 700	59.1	86.7	90.9	93.7	95.8	96.3	97.1	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.2
≥ 600	59.1	86.7	91.0	93.9	96.0	96.5	97.4	97.8	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.6
≥ 500	59.1	86.8	91.1	94.0	96.2	96.8	97.8	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.2
≥ 400	59.1	86.8	91.2	94.1	96.3	96.9	98.0	98.5	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.5
≥ 300	59.1	86.8	91.2	94.1	96.3	96.9	98.0	98.6	98.7	99.2	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	59.1	86.8	91.2	94.1	96.3	96.9	98.0	98.6	98.8	99.3	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	59.1	86.8	91.2	94.1	96.3	96.9	98.1	98.6	98.8	99.3	99.6	99.6	99.7	99.8	99.8	99.9
0	59.1	86.8	91.2	94.1	96.3	96.9	98.1	98.7	98.8	99.3	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 25893

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

ALL (HOURS (L ST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	53.6	55.3	56.4	56.9	57.0	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6
≥ 20000	45.6	62.3	64.2	65.5	66.2	66.3	66.5	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	67.0
≥ 18000	45.8	62.6	64.6	65.8	66.5	66.6	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.3	67.3
≥ 16000	46.1	63.0	65.0	66.2	67.0	67.1	67.3	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 14000	47.1	64.4	66.4	67.7	68.4	68.6	68.8	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.3
≥ 12000	48.8	67.3	69.3	70.7	71.4	71.6	71.8	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.3	72.3
≥ 10000	50.9	70.5	72.8	74.1	75.0	75.1	75.4	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9
≥ 9000	51.4	71.2	73.5	74.9	75.8	75.9	76.2	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.7
≥ 8000	52.4	72.8	75.1	76.6	77.5	77.6	77.9	78.1	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4
≥ 7000	53.4	74.2	76.7	78.1	79.0	79.2	79.5	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.1
≥ 6000	54.2	75.5	78.0	79.6	80.5	80.6	81.0	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5
≥ 5000	55.6	77.8	80.4	82.0	82.9	83.1	83.5	83.6	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.0
≥ 4500	56.4	78.9	81.5	83.1	84.1	84.3	84.7	84.8	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2
≥ 4000	58.1	81.1	83.9	85.5	86.5	86.7	87.1	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.8
≥ 3500	58.9	82.5	85.3	87.0	88.1	88.2	88.7	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.3	89.3
≥ 3000	60.4	84.5	87.5	89.2	90.4	90.5	91.0	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.7
≥ 2500	61.3	86.0	89.1	91.0	92.1	92.3	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.5
≥ 2000	62.1	87.5	90.6	92.6	93.8	94.1	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.4
≥ 1800	62.2	87.7	90.9	92.9	94.2	94.4	95.0	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.7
≥ 1500	62.5	88.4	91.7	93.8	95.1	95.3	95.9	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 1200	62.7	89.0	92.3	94.5	95.8	96.1	96.7	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.5
≥ 1000	62.8	89.4	92.8	95.1	96.5	96.8	97.5	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3
≥ 900	62.9	89.5	93.0	95.2	96.7	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.4	98.5	98.5	90.6
≥ 800	62.9	89.7	93.1	95.5	97.0	97.3	98.0	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.9	98.9
≥ 700	62.9	89.8	93.3	95.6	97.2	97.5	98.3	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.2
≥ 600	62.9	89.8	93.4	95.8	97.4	97.7	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 500	62.9	89.9	93.4	95.8	97.5	97.8	98.7	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	62.9	89.9	93.4	95.9	97.6	97.9	98.7	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 300	62.9	89.9	93.4	95.9	97.6	97.9	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.9
≥ 200	62.9	89.9	93.4	95.9	97.6	97.9	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100	62.9	89.9	93.4	95.9	97.6	97.9	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9
0	62.9	89.9	93.4	95.9	97.6	97.9	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 24791

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVIC../MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	39.7	56.1	58.8	60.3	61.2	61.3	61.7	61.9	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.4
≥ 20000	46.0	65.1	68.1	69.7	70.7	70.9	71.3	71.6	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.1
≥ 18000	46.3	65.5	68.5	70.1	71.1	71.3	71.7	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.5
≥ 16000	46.5	65.9	68.9	70.5	71.5	71.7	72.1	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.8	72.9
≥ 14000	47.5	67.5	70.6	72.3	73.4	73.6	74.0	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.7	74.7
≥ 12000	49.4	70.9	74.1	76.0	77.1	77.3	77.7	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.5
≥ 10000	51.2	74.1	77.5	79.5	80.7	80.9	81.4	81.6	81.6	81.9	82.0	82.0	82.0	82.0	82.1	82.2
≥ 9000	51.7	74.9	78.4	80.4	81.6	81.8	82.3	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.1
≥ 8000	52.6	76.6	80.3	82.3	83.6	83.8	84.3	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.1	85.2
≥ 7000	53.1	77.7	81.4	83.6	84.8	85.1	85.6	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.4
≥ 6000	53.8	78.8	82.6	84.8	86.1	86.4	86.9	87.2	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.7
≥ 5000	54.8	80.5	84.5	86.8	88.1	88.4	88.9	89.2	89.2	89.5	89.6	89.6	89.6	89.6	89.7	89.8
≥ 4500	55.3	81.3	85.3	87.6	88.9	89.2	89.8	90.1	90.1	90.4	90.5	90.5	90.5	90.5	90.6	90.7
≥ 4000	56.3	83.0	87.1	89.5	90.9	91.1	91.8	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.6	92.7
≥ 3500	56.9	84.0	88.3	90.6	92.1	92.4	93.0	93.3	93.4	93.7	93.7	93.7	93.8	93.8	93.9	94.0
≥ 3000	57.7	85.4	89.7	92.2	93.7	94.0	94.6	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.5	95.6
≥ 2500	58.1	86.2	90.5	93.0	94.6	94.9	95.6	95.9	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.5
≥ 2000	58.5	87.0	91.5	94.0	95.7	96.0	96.7	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.7
≥ 1800	58.5	87.2	91.6	94.2	95.9	96.2	96.9	97.3	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.9
≥ 1500	58.6	87.5	92.0	94.6	96.3	96.6	97.4	97.7	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.4
≥ 1200	58.7	87.7	92.2	94.9	96.6	97.0	97.7	98.1	98.1	98.5	98.5	98.6	98.6	98.6	98.7	98.8
≥ 1000	58.7	87.8	92.4	95.1	96.9	97.3	98.1	98.4	98.5	98.8	98.9	99.0	99.0	99.0	99.1	99.2
≥ 900	58.7	87.9	92.5	95.2	97.0	97.4	98.2	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 800	58.7	87.9	92.5	95.2	97.1	97.5	98.3	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.4	99.5
≥ 700	58.7	88.0	92.5	95.3	97.2	97.5	98.3	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.5	99.6
≥ 600	58.7	88.0	92.6	95.3	97.2	97.6	98.4	98.9	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 500	58.7	88.0	92.6	95.4	97.3	97.6	98.5	99.0	99.0	99.4	99.5	99.5	99.6	99.6	99.7	99.8
≥ 400	58.7	88.0	92.6	95.4	97.3	97.7	98.6	99.0	99.0	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 300	58.7	88.0	92.6	95.4	97.3	97.7	98.6	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 200	58.7	88.0	92.6	95.4	97.3	97.7	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	100.0
≥ 100	58.7	88.0	92.6	95.4	97.3	97.7	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	58.7	88.0	92.6	95.4	97.3	97.7	98.6	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 25868

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	56.8	60.7	62.4	63.8	64.0	64.6	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3
≥ 20000	41.1	63.8	68.2	70.1	71.6	71.8	72.4	72.7	72.7	73.0	73.1	73.1	73.1	73.1	73.2	73.2
≥ 18000	41.3	64.2	68.6	70.5	72.1	72.3	72.9	73.1	73.2	73.5	73.5	73.5	73.6	73.6	73.6	73.7
≥ 16000	41.5	64.5	69.0	70.9	72.4	72.6	73.2	73.5	73.5	73.8	73.9	73.9	74.0	74.0	74.0	74.0
≥ 14000	42.3	66.0	70.6	72.6	74.1	74.4	74.9	75.2	75.3	75.6	75.6	75.6	75.7	75.7	75.8	75.8
≥ 12000	43.6	68.7	73.5	75.7	77.3	77.6	78.2	78.5	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥ 10000	44.9	71.4	76.4	78.7	80.4	80.7	81.3	81.6	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.3
≥ 9000	45.1	72.0	77.0	79.3	81.1	81.3	82.0	82.3	82.4	82.7	82.7	82.7	82.9	82.9	82.9	82.9
≥ 8000	45.8	73.7	78.9	81.3	83.2	83.4	84.2	84.5	84.6	84.9	84.9	84.9	85.1	85.1	85.1	85.1
≥ 7000	46.2	74.7	80.0	82.6	84.5	84.8	85.5	85.9	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5
≥ 6000	46.6	75.6	81.0	83.6	85.6	85.9	86.7	87.0	87.1	87.4	87.5	87.5	87.6	87.6	87.7	87.7
≥ 5000	47.3	77.1	82.7	85.3	87.4	87.7	88.5	88.9	89.0	89.3	89.4	89.4	89.5	89.5	89.6	89.6
≥ 4500	47.7	77.7	83.4	86.0	88.1	88.5	89.3	89.7	89.8	90.1	90.2	90.2	90.3	90.3	90.4	90.4
≥ 4000	48.6	79.3	85.1	87.8	89.9	90.3	91.2	91.5	91.6	92.0	92.1	92.1	92.2	92.2	92.2	92.3
≥ 3500	49.1	80.1	86.0	88.7	90.9	91.3	92.2	92.6	92.7	93.0	93.1	93.1	93.2	93.2	93.3	93.3
≥ 3000	49.6	81.2	87.3	90.0	92.3	92.7	93.6	94.0	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.8
≥ 2500	50.0	82.1	88.2	91.0	93.3	93.7	94.7	95.1	95.2	95.5	95.6	95.7	95.8	95.8	95.8	95.9
≥ 2000	50.3	82.8	89.0	91.9	94.2	94.7	95.7	96.1	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥ 1800	50.4	82.9	89.2	92.1	94.4	94.9	95.9	96.3	96.4	96.8	96.9	96.9	97.0	97.0	97.1	97.1
≥ 1500	50.5	83.3	89.6	92.6	94.9	95.4	96.4	96.8	97.0	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥ 1200	50.6	83.6	89.9	92.9	95.3	95.8	96.8	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 1000	50.7	83.7	90.1	93.2	95.6	96.0	97.1	97.6	97.7	98.1	98.3	98.3	98.4	98.4	98.5	98.5
≥ 900	50.7	83.8	90.2	93.3	95.7	96.2	97.3	97.7	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.7
≥ 800	50.7	83.9	90.3	93.4	95.9	96.4	97.5	97.9	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.9
≥ 700	50.7	83.9	90.3	93.5	96.0	96.5	97.6	98.1	98.2	98.7	98.8	98.8	99.0	99.0	99.0	99.1
≥ 600	50.7	83.9	90.4	93.5	96.1	96.6	97.7	98.2	98.3	98.8	99.0	99.0	99.1	99.1	99.2	99.2
≥ 500	50.7	83.9	90.4	93.6	96.1	96.7	97.8	98.4	98.5	99.0	99.2	99.2	99.3	99.3	99.4	99.4
≥ 400	50.7	84.0	90.4	93.6	96.2	96.7	97.9	98.5	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6
≥ 300	50.7	84.0	90.4	93.6	96.2	96.8	98.0	98.6	98.7	99.3	99.5	99.5	99.6	99.6	99.7	99.8
≥ 200	50.7	84.0	90.5	93.6	96.2	96.8	98.0	98.6	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8
≥ 100	50.7	84.0	90.5	93.6	96.2	96.8	98.0	98.6	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.9
0	50.7	84.0	90.5	93.6	96.2	96.8	98.0	98.6	98.7	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 25978

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.6	57.5	60.4	61.8	63.1	63.2	63.8	64.0	64.0	64.3	64.4	64.4	64.4	64.5	64.5	64.6
≥ 20000	42.3	62.7	65.5	67.3	68.7	68.8	69.4	69.6	69.7	69.9	70.0	70.0	70.1	70.1	70.2	70.3
≥ 18000	42.5	63.0	65.7	67.6	69.0	69.2	69.7	69.9	70.0	70.2	70.4	70.4	70.4	70.4	70.5	70.6
≥ 16000	42.8	63.4	66.2	68.0	69.4	69.6	70.2	70.4	70.4	70.7	70.8	70.8	70.9	70.9	71.0	71.1
≥ 14000	43.5	64.6	67.5	69.3	70.8	71.0	71.5	71.7	7.8	72.1	72.2	72.2	72.3	72.3	72.3	72.5
≥ 12000	44.5	66.7	69.7	71.7	73.2	73.4	74.0	74.2	74.3	74.5	74.6	74.6	74.7	74.7	74.8	75.0
≥ 10000	45.7	69.1	72.3	74.4	75.9	76.1	76.8	77.0	77.1	77.3	77.5	77.5	77.5	77.6	77.6	77.8
≥ 9000	46.2	69.9	73.1	75.2	76.7	76.9	77.6	77.8	77.9	78.2	78.3	78.3	78.4	78.4	78.5	78.6
≥ 8000	46.9	71.3	74.7	76.9	78.4	78.7	79.3	79.6	79.6	79.9	80.0	80.0	80.1	80.2	80.2	80.4
≥ 7000	47.6	72.4	76.0	78.2	79.8	80.1	80.7	81.0	81.1	81.3	81.5	81.5	81.6	81.6	81.6	81.8
≥ 6000	48.2	73.7	77.3	79.6	81.3	81.6	82.3	82.5	82.6	82.9	83.0	83.0	83.1	83.1	83.2	83.3
≥ 5000	48.7	74.9	78.7	81.2	82.9	83.2	83.9	84.2	84.2	84.5	84.7	84.7	84.8	84.8	84.8	85.0
≥ 4500	49.0	75.5	79.4	81.9	83.6	84.0	84.7	85.0	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.8
≥ 4000	49.7	77.0	81.0	83.7	85.5	85.9	86.7	87.0	87.0	87.3	87.4	87.4	87.5	87.6	87.6	87.8
≥ 3500	50.2	77.9	82.0	84.7	86.6	87.0	87.8	88.1	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.9
≥ 3000	50.7	79.0	83.3	86.0	87.9	88.4	89.2	89.5	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.3
≥ 2500	51.1	79.8	84.2	87.0	89.0	89.4	90.2	90.6	90.6	90.9	91.1	91.1	91.2	91.2	91.3	91.4
≥ 2000	51.6	81.0	85.6	88.4	90.5	91.0	91.8	92.2	92.3	92.6	92.8	92.8	92.9	92.9	92.9	93.1
≥ 1800	51.7	81.3	85.9	88.8	90.9	91.3	92.2	92.6	92.7	93.1	93.2	93.2	93.3	93.3	93.4	93.5
≥ 1500	51.9	81.9	86.6	89.6	91.7	92.2	93.1	93.5	93.6	94.0	94.2	94.2	94.3	94.3	94.3	94.5
≥ 1200	52.0	82.5	87.3	90.5	92.6	93.1	94.1	94.5	94.6	95.0	95.2	95.2	95.3	95.3	95.4	95.5
≥ 1000	52.1	83.0	87.9	91.2	93.5	94.1	95.1	95.5	95.6	96.0	96.2	96.2	96.3	96.3	96.4	96.5
≥ 900	52.2	83.1	88.1	91.5	93.8	94.3	95.4	95.9	96.0	96.4	96.5	96.5	96.6	96.7	96.7	96.9
≥ 800	52.2	83.3	88.4	91.8	94.3	94.8	95.9	96.4	96.5	96.9	97.1	97.1	97.2	97.2	97.3	97.5
≥ 700	52.2	83.4	88.5	92.1	94.6	95.2	96.3	96.8	96.9	97.4	97.5	97.5	97.6	97.7	97.7	97.9
≥ 600	52.2	83.5	88.7	92.3	94.9	95.5	96.7	97.2	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.4
≥ 500	52.3	83.6	88.8	92.5	95.2	95.9	97.1	97.7	97.9	98.4	98.6	98.6	98.8	99.8	98.9	99.0
≥ 400	52.3	83.6	88.9	92.5	95.2	95.9	97.3	97.9	98.1	98.7	98.9	98.9	99.0	99.1	99.1	99.3
≥ 300	52.3	83.6	88.9	92.6	95.3	96.0	97.4	98.0	98.2	98.9	99.1	99.1	99.3	99.3	99.4	99.6
≥ 200	52.3	83.6	88.9	92.6	95.3	96.0	97.4	98.0	98.3	98.9	99.2	99.2	99.4	99.4	99.5	99.8
≥ 100	52.3	83.6	88.9	92.6	95.3	96.0	97.4	98.0	98.3	99.0	99.2	99.2	99.4	99.5	99.6	99.9
≥ 0	52.3	83.6	88.9	92.6	95.3	96.0	97.4	98.0	98.3	99.0	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 25135

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.9	55.4	58.6	61.0	62.5	62.6	63.5	63.7	63.7	64.2	64.3	64.3	64.5	64.5	64.6	64.8
≥ 20000	38.7	59.8	63.3	65.8	67.5	67.8	68.5	68.7	68.8	69.2	69.4	69.4	69.5	69.6	69.7	69.9
≥ 18000	38.9	60.1	63.6	66.1	67.8	68.1	68.8	69.0	69.1	69.5	69.7	69.7	69.8	69.9	70.0	70.2
≥ 16000	39.1	60.4	64.0	66.5	68.2	68.5	69.2	69.4	69.5	69.9	70.1	70.1	70.2	70.3	70.4	70.6
≥ 14000	39.7	61.6	65.1	67.7	69.4	69.8	70.5	70.7	70.8	71.2	71.4	71.4	71.5	71.6	71.7	71.9
≥ 12000	40.6	63.3	67.1	69.7	71.5	71.9	72.6	72.8	72.9	73.4	73.5	73.5	73.7	73.7	73.8	74.0
≥ 10000	41.7	65.5	69.5	72.2	74.1	74.4	75.2	75.4	75.5	76.0	76.1	76.1	76.3	76.3	76.4	76.6
≥ 9000	41.9	66.0	70.1	72.8	74.7	75.1	75.8	76.0	76.1	76.6	76.8	76.8	76.9	76.9	77.0	77.3
≥ 8000	42.6	67.5	71.6	74.4	76.3	76.7	77.5	77.7	77.8	78.3	78.4	78.5	78.6	78.6	78.7	78.9
≥ 7000	43.1	68.6	72.8	75.7	77.8	78.2	79.0	79.2	79.3	79.8	80.0	80.0	80.1	80.2	80.3	80.5
≥ 6000	43.6	69.8	74.2	77.2	79.4	79.8	80.6	80.8	80.9	81.4	81.6	81.6	81.7	81.7	81.9	82.1
≥ 5000	44.4	71.3	75.9	79.0	81.3	81.8	82.6	82.9	82.9	83.4	83.6	83.6	83.8	83.8	83.9	84.1
≥ 4500	44.8	72.1	76.7	79.9	82.2	82.6	83.5	83.7	83.8	84.3	84.5	84.5	84.6	84.7	84.8	85.0
≥ 4000	45.5	73.3	78.1	81.3	83.7	84.2	85.1	85.3	85.4	86.0	86.1	86.1	86.3	86.3	86.4	86.6
≥ 3500	46.1	74.3	79.2	82.5	85.0	85.5	86.3	86.6	86.7	87.2	87.4	87.4	87.6	87.6	87.7	87.9
≥ 3000	46.7	75.5	80.4	83.9	86.4	86.9	87.9	88.2	88.3	88.8	89.0	89.0	89.1	89.2	89.3	89.5
≥ 2500	47.4	76.7	81.7	85.3	87.9	88.4	89.4	89.7	89.8	90.4	90.5	90.5	90.7	90.7	90.8	91.1
≥ 2000	47.8	77.9	83.1	86.8	89.4	90.0	91.0	91.3	91.4	92.0	92.2	92.2	92.4	92.4	92.5	92.7
≥ 1800	47.9	78.2	83.4	87.1	89.8	90.4	91.4	91.7	91.8	92.4	92.6	92.6	92.8	92.8	92.9	93.1
≥ 1500	48.1	78.7	84.1	87.9	90.7	91.3	92.4	92.7	92.8	93.4	93.6	93.6	93.8	93.8	93.9	94.2
≥ 1200	48.2	79.2	84.6	88.6	91.5	92.1	93.2	93.6	93.7	94.3	94.5	94.5	94.7	94.7	94.8	95.0
≥ 1000	48.3	79.5	85.2	89.3	92.2	92.9	94.0	94.4	94.5	95.2	95.3	95.4	95.5	95.6	95.7	95.9
≥ 900	48.3	79.7	85.3	89.5	92.5	93.2	94.4	94.8	94.9	95.5	95.7	95.7	95.9	95.9	96.0	96.3
≥ 800	48.3	79.9	85.6	89.9	93.0	93.7	95.0	95.4	95.5	96.2	96.4	96.4	96.6	96.6	96.7	97.0
≥ 700	48.3	80.0	85.8	90.1	93.3	94.1	95.4	95.8	96.0	96.7	96.9	96.9	97.1	97.1	97.2	97.4
≥ 600	48.4	80.0	85.9	90.3	93.7	94.5	95.9	96.4	96.6	97.3	97.5	97.5	97.7	97.8	97.9	98.1
≥ 500	48.4	80.1	86.0	90.5	94.0	94.8	96.3	96.9	97.1	97.-	8.1	98.1	98.3	98.3	98.4	98.7
≥ 400	48.4	80.1	86.1	90.6	94.1	95.0	96.6	97.3	97.5	98.3	98.6	98.6	98.8	98.8	98.9	99.2
≥ 300	48.4	80.2	86.1	90.6	94.2	95.1	96.8	97.5	97.7	98.6	98.8	98.9	99.1	99.1	99.3	99.5
≥ 200	48.4	80.2	86.1	90.6	94.2	95.1	96.8	97.5	97.8	98.7	98.9	99.0	99.3	99.3	99.4	99.7
≥ 100	48.4	80.2	86.1	90.6	94.2	95.1	96.8	97.5	97.8	98.7	99.0	99.0	99.3	99.4	99.5	99.9
0	48.4	80.2	86.1	90.6	94.2	95.1	96.8	97.5	97.8	98.7	99.0	99.0	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 25952

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.0	41.8	44.6	46.8	48.3	48.5	49.2	49.4	49.5	49.8	50.0	50.0	50.1	50.1	50.2	50.3
≥ 20000	26.5	46.1	49.2	51.8	53.4	53.6	54.4	54.7	54.7	55.1	55.3	55.3	55.5	55.5	55.5	55.7
≥ 18000	26.6	46.4	49.5	52.1	53.7	53.9	54.7	54.9	55.0	55.4	55.6	55.6	55.7	55.8	55.8	56.0
≥ 16000	26.8	46.8	49.9	52.5	54.1	54.3	55.1	55.4	55.5	55.8	56.1	56.1	56.2	56.2	56.3	56.4
≥ 14000	27.2	47.8	51.0	53.7	55.3	55.6	56.4	56.6	56.7	57.1	57.3	57.3	57.5	57.5	57.6	57.7
≥ 12000	27.9	49.2	52.8	55.5	57.2	57.5	58.3	58.6	58.7	59.0	59.3	59.3	59.5	59.5	59.5	59.7
≥ 10000	29.0	51.2	54.9	57.7	59.6	59.8	60.7	61.0	61.0	61.4	61.7	61.7	61.8	61.9	61.9	62.1
≥ 9000	29.3	51.8	55.5	58.4	60.3	60.5	61.4	61.7	61.8	62.2	62.4	62.4	62.6	62.6	62.7	62.8
≥ 8000	30.1	53.1	56.9	59.8	61.8	62.1	63.0	63.3	63.3	63.8	64.0	64.0	64.2	64.2	64.3	64.4
≥ 7000	30.7	54.4	58.3	61.4	63.4	63.7	64.6	64.9	65.0	65.5	65.7	65.7	65.9	65.9	66.0	66.1
≥ 6000	31.4	55.8	59.9	63.1	65.2	65.5	66.5	66.8	66.9	67.3	67.6	67.6	67.7	67.8	67.8	68.0
≥ 5000	32.3	57.6	61.8	65.3	67.5	67.7	68.8	69.1	69.2	69.7	69.9	69.9	70.1	70.1	70.2	70.3
≥ 4500	32.9	59.0	63.4	67.0	69.3	69.5	70.6	71.0	71.1	71.6	71.8	71.8	72.0	72.0	72.1	72.2
≥ 4000	33.9	60.9	65.6	69.4	71.8	72.0	73.2	73.6	73.7	74.2	74.4	74.4	74.6	74.6	74.7	74.8
≥ 3500	34.9	63.0	67.8	71.7	74.1	74.4	75.6	76.0	76.1	76.6	76.9	76.9	77.1	77.1	77.2	77.3
≥ 3000	36.0	65.3	70.3	74.4	76.9	77.2	78.5	78.9	79.0	79.5	79.8	79.8	80.0	80.0	80.1	80.2
≥ 2500	36.9	67.3	72.6	77.0	79.6	79.9	81.2	81.7	81.8	82.4	82.6	82.7	82.8	82.9	82.9	83.1
≥ 2000	37.7	69.6	75.2	79.8	82.6	83.0	84.4	84.9	85.0	85.6	85.9	85.9	86.1	86.2	86.2	86.4
≥ 1800	37.9	70.1	75.8	80.5	83.4	83.7	85.2	85.7	85.8	86.4	86.7	86.7	86.9	87.0	87.0	87.2
≥ 1500	38.3	71.6	77.6	82.4	85.5	85.9	87.5	88.0	88.1	88.8	89.1	89.1	89.3	89.3	89.4	89.6
≥ 1200	38.6	72.6	78.9	83.9	87.4	87.8	89.5	90.1	90.2	91.0	91.3	91.3	91.5	91.5	91.6	91.8
≥ 1000	38.7	73.2	79.7	84.9	88.5	89.0	90.9	91.5	91.6	92.5	92.8	92.8	93.1	93.1	93.2	93.3
≥ 900	38.7	73.4	80.0	85.5	89.2	89.7	91.6	92.3	92.4	93.3	93.6	93.6	93.8	93.9	94.0	94.1
≥ 800	38.7	73.7	80.4	86.0	89.8	90.4	92.4	93.1	93.2	94.1	94.5	94.5	94.7	94.8	94.9	95.0
≥ 700	38.8	73.8	80.7	86.4	90.4	91.0	93.2	94.0	94.1	95.0	95.4	95.4	95.7	95.7	95.8	95.9
≥ 600	38.8	73.9	80.9	86.7	90.8	91.5	93.8	94.7	94.9	95.9	96.3	96.3	96.6	96.6	96.7	96.8
≥ 500	38.8	74.0	81.0	86.9	91.2	92.0	94.4	95.4	95.6	96.8	97.2	97.2	97.5	97.6	97.7	97.8
≥ 400	38.8	74.0	81.1	87.1	91.5	92.3	94.9	95.9	96.2	97.4	97.8	97.9	98.2	98.2	98.4	98.6
≥ 300	38.8	74.1	81.1	87.1	91.6	92.4	95.1	96.3	96.6	97.9	98.4	98.4	98.8	98.9	99.0	99.2
≥ 200	38.8	74.1	81.1	87.1	91.6	92.4	95.2	96.4	96.7	98.0	98.6	98.6	99.1	99.2	99.3	99.6
≥ 100	38.8	74.1	81.1	87.1	91.6	92.4	95.2	96.4	96.7	98.0	98.6	98.7	99.1	99.2	99.4	99.7
0	38.8	74.1	81.1	87.1	91.6	92.4	95.2	96.4	96.7	98.0	98.6	98.7	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 25108

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.3	34.1	36.9	39.5	41.4	41.6	42.4	42.7	42.8	43.2	43.3	43.3	43.5	43.5	43.5	43.6
≥ 20000	20.1	38.1	41.4	44.2	46.5	46.7	47.8	48.1	48.1	48.6	48.8	48.9	49.0	49.0	49.0	49.2
≥ 18000	20.2	38.4	41.7	44.6	46.8	47.1	48.1	48.4	48.5	49.0	49.2	49.2	49.4	49.4	49.4	49.5
≥ 16000	20.4	38.7	42.0	44.9	47.2	47.4	48.5	48.8	48.8	49.3	49.6	49.6	49.7	49.7	49.8	49.9
≥ 14000	20.9	39.8	43.2	46.1	48.4	48.7	49.7	50.0	50.1	50.6	50.8	50.9	51.0	51.0	51.0	51.2
≥ 12000	21.5	41.3	44.8	47.9	50.3	50.5	51.6	51.9	52.0	52.6	52.8	52.8	52.9	52.9	53.0	53.1
≥ 10000	22.4	43.1	46.9	50.1	52.5	52.8	53.9	54.2	54.3	54.9	55.1	55.1	55.2	55.2	55.3	55.4
≥ 9000	22.6	43.6	47.4	50.7	53.2	53.5	54.6	54.9	55.0	55.5	55.7	55.8	55.9	55.9	56.0	56.1
≥ 8000	23.0	44.7	48.6	52.0	54.5	54.8	56.0	56.3	56.4	57.0	57.2	57.2	57.3	57.3	57.4	57.5
≥ 7000	23.5	45.8	49.9	53.4	56.0	56.3	57.5	57.9	58.0	58.5	58.7	58.8	58.9	58.9	59.0	59.1
≥ 6000	23.9	46.9	51.2	54.8	57.6	57.9	59.1	59.5	59.6	60.2	60.4	60.4	60.5	60.6	60.6	60.7
≥ 5000	24.5	48.4	52.8	56.6	59.4	59.8	61.0	61.4	61.5	62.1	62.3	62.4	62.5	62.5	62.6	62.7
≥ 4500	24.8	49.2	53.7	57.5	60.5	60.8	62.1	62.5	62.6	63.2	63.4	63.4	63.6	63.6	63.6	63.7
≥ 4000	25.4	50.5	55.2	59.2	62.2	62.6	63.9	64.3	64.4	65.0	65.3	65.3	65.5	65.5	65.5	65.6
≥ 3500	25.8	51.8	56.7	60.9	64.1	64.5	65.8	66.3	66.3	67.0	67.2	67.3	67.4	67.5	67.5	67.6
≥ 3000	26.4	53.6	58.6	63.0	66.4	66.8	68.3	68.7	68.8	69.5	69.8	69.8	70.0	70.0	70.0	70.1
≥ 2500	27.2	55.8	61.1	65.7	69.4	69.8	71.4	71.9	72.0	72.7	73.0	73.0	73.2	73.2	73.3	73.4
≥ 2000	28.1	58.8	64.6	69.7	73.7	74.3	76.0	76.6	76.8	77.5	77.8	77.8	78.0	78.0	78.1	78.2
≥ 1800	28.3	59.6	65.5	70.8	75.0	75.5	77.3	78.0	78.1	78.9	79.1	79.2	79.4	79.4	79.4	79.6
≥ 1500	28.9	61.4	67.7	73.3	78.0	78.6	80.6	81.3	81.4	82.2	82.5	82.6	82.8	82.8	82.9	83.0
≥ 1200	29.2	63.0	69.6	75.7	80.8	81.5	83.7	84.5	84.6	85.5	85.9	85.9	86.1	86.2	86.2	86.3
≥ 1000	29.3	63.7	70.6	77.1	82.5	83.3	85.7	86.6	86.8	87.8	88.3	88.3	88.6	88.6	88.6	88.8
≥ 900	29.3	63.9	71.0	77.6	83.3	84.1	86.6	87.6	87.8	88.9	89.3	89.4	89.6	89.7	89.7	89.9
≥ 800	29.4	64.3	71.5	78.2	84.1	84.9	87.8	88.8	89.0	90.2	90.7	90.7	91.0	91.1	91.1	91.3
≥ 700	29.5	64.6	72.0	78.9	84.9	85.9	89.0	90.1	90.3	91.6	92.2	92.2	92.5	92.6	92.6	92.8
≥ 600	29.5	64.7	72.2	79.3	85.5	86.6	89.9	91.1	91.4	92.8	93.4	93.4	93.8	93.9	94.0	94.1
≥ 500	29.5	64.8	72.4	79.6	86.0	87.1	90.7	92.2	92.5	94.2	94.9	95.0	95.4	95.5	95.6	95.8
≥ 400	29.5	64.8	72.4	79.7	86.2	87.4	91.2	92.8	93.2	95.1	95.9	96.0	96.5	96.6	96.8	97.1
≥ 300	29.5	64.9	72.5	79.7	86.3	87.5	91.4	93.2	93.6	95.7	96.7	96.8	97.5	97.6	97.8	98.0
≥ 200	29.5	64.9	72.5	79.8	86.3	87.5	91.5	93.3	93.8	96.1	97.2	97.3	98.1	98.2	98.5	98.8
≥ 100	29.5	64.9	72.5	79.8	86.3	87.5	91.5	93.3	93.8	96.1	97.3	97.4	98.3	98.4	98.8	99.3
0	29.5	64.9	72.5	79.8	86.3	87.5	91.5	93.3	93.9	96.1	97.3	97.4	98.3	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATION 25908

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.0	36.7	39.6	42.4	45.6	45.8	47.1	47.7	47.9	48.4	48.4	48.5	48.5	48.5	48.6	49.1
≥ 20000	19.7	38.8	42.3	45.5	48.8	49.0	50.4	51.0	51.2	51.7	51.8	51.9	51.9	51.9	52.0	52.5
≥ 18000	20.0	39.1	42.6	45.8	49.1	49.3	50.7	51.3	51.5	52.0	52.1	52.1	52.2	52.2	52.3	52.8
≥ 16000	20.2	39.6	43.1	46.4	49.7	49.9	51.3	51.9	52.1	52.6	52.7	52.7	52.8	52.8	52.9	53.4
≥ 14000	20.6	40.4	44.1	47.5	50.9	51.2	52.5	53.2	53.4	53.9	54.0	54.0	54.1	54.1	54.2	54.7
≥ 12000	21.5	41.7	45.6	49.2	52.8	53.0	54.4	55.0	55.2	55.7	55.8	55.8	55.9	55.9	56.1	56.6
≥ 10000	22.4	43.4	47.6	51.5	55.2	55.5	56.9	57.6	57.8	58.3	58.4	58.4	58.5	58.5	58.7	59.2
≥ 9000	22.6	43.8	48.1	51.9	55.7	56.0	57.4	58.1	58.3	58.8	58.9	58.9	59.0	59.0	59.2	59.7
≥ 8000	23.0	45.3	49.6	53.4	57.2	57.5	58.9	59.6	59.8	60.3	60.4	60.4	60.5	60.5	60.7	61.2
≥ 7000	23.7	46.1	50.6	54.5	58.5	58.7	60.1	60.9	61.1	61.7	61.7	61.8	61.8	61.8	62.0	62.5
≥ 6000	23.8	46.9	51.8	55.9	59.9	60.2	61.7	62.5	62.6	63.2	63.3	63.3	63.4	63.4	63.5	64.1
≥ 5000	24.3	48.2	53.4	57.5	61.6	61.8	63.5	64.3	64.5	65.1	65.1	65.2	65.3	65.3	65.4	65.9
≥ 4500	24.7	49.1	54.4	58.7	62.7	63.0	64.7	65.5	65.7	66.3	66.3	66.4	66.5	66.5	66.6	67.1
≥ 4000	25.1	50.2	55.7	60.1	64.3	64.6	66.4	67.2	67.4	68.0	68.1	68.1	68.2	68.2	68.3	68.9
≥ 3500	25.9	51.4	57.0	61.4	65.7	65.9	67.8	68.6	68.8	69.4	69.5	69.5	69.7	69.7	69.8	70.3
≥ 3000	26.2	52.5	58.3	62.8	67.1	67.4	69.3	70.1	70.3	70.9	71.0	71.0	71.2	71.2	71.3	71.8
≥ 2500	26.5	54.1	60.4	65.1	69.6	69.9	72.0	72.9	73.1	73.6	73.7	73.8	74.0	74.0	74.1	74.7
≥ 2000	27.1	56.3	63.1	68.2	73.0	73.4	75.9	77.0	77.3	77.9	78.0	78.1	78.3	78.3	78.4	79.0
≥ 1800	27.1	56.8	63.9	69.0	74.0	74.4	76.9	78.1	78.3	79.0	79.1	79.1	79.3	79.3	79.5	80.0
≥ 1500	27.4	58.1	65.7	71.0	76.2	76.6	79.3	80.6	80.8	81.5	81.6	81.7	81.9	81.9	82.1	82.6
≥ 1200	27.6	59.4	67.5	73.2	79.0	79.5	82.4	83.7	84.0	84.7	84.9	84.9	85.2	85.2	85.4	85.9
≥ 1000	27.8	60.0	68.5	74.3	80.5	81.2	84.6	85.9	86.2	87.0	87.3	87.4	87.8	87.8	88.0	88.6
≥ 900	27.8	60.3	68.9	74.9	81.1	81.8	85.4	86.8	87.0	87.9	88.3	88.4	88.8	88.8	89.0	89.5
≥ 800	27.9	60.6	69.4	75.5	81.9	82.7	86.5	88.0	88.3	89.3	89.7	89.8	90.3	90.3	90.5	91.0
≥ 700	27.9	60.8	69.6	75.7	82.4	83.2	87.1	88.7	89.0	90.1	90.5	90.6	91.1	91.1	91.3	91.8
≥ 600	27.9	60.9	69.8	76.1	82.9	83.7	87.8	89.6	89.9	91.0	91.5	91.6	92.1	92.2	92.4	92.9
≥ 500	27.9	60.9	69.9	76.3	83.1	84.0	88.8	90.6	91.0	92.4	92.8	93.0	93.6	93.6	93.8	94.4
≥ 400	27.9	61.0	70.1	76.5	83.4	84.4	89.4	91.4	91.9	93.4	94.0	94.1	94.8	94.9	95.0	95.6
≥ 300	27.9	61.0	70.1	76.6	83.6	84.7	89.9	92.0	92.6	94.5	95.2	95.4	96.3	96.4	96.6	97.3
≥ 200	27.9	61.0	70.1	76.6	83.6	84.7	90.1	92.2	92.9	94.9	95.8	96.0	97.0	97.1	97.3	98.2
≥ 100	27.9	61.0	70.1	76.6	83.6	84.7	90.1	92.3	93.0	95.0	95.9	96.1	97.3	97.4	97.7	99.0
≥ 0	27.9	61.0	70.1	76.6	83.6	84.7	90.2	92.4	93.0	95.1	96.0	96.2	97.5	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3127

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	17.6	35.8	38.8	41.8	44.7	44.8	46.4	46.8	46.9	47.6	47.7	47.7	47.9	47.9	47.9	48.6
≥ 20000	18.2	37.8	41.0	44.2	47.2	47.3	48.9	49.4	49.5	50.2	50.3	50.3	50.5	50.6	50.6	51.4
≥ 18000	18.4	38.0	41.3	44.4	47.5	47.6	49.2	49.7	49.8	50.5	50.6	50.6	50.8	50.8	50.9	51.6
≥ 16000	18.7	38.3	41.8	45.0	48.0	48.2	49.9	50.3	50.5	51.1	51.3	51.3	51.4	51.5	51.6	52.3
≥ 14000	19.2	39.4	42.9	46.3	49.4	49.6	51.3	51.7	51.9	52.5	52.7	52.7	52.8	52.9	53.0	53.7
≥ 12000	20.0	40.6	44.1	47.6	51.1	51.3	53.0	53.5	53.6	54.2	54.4	54.4	54.6	54.7	54.8	55.5
≥ 10000	20.6	42.5	46.2	49.8	53.3	53.6	55.5	55.9	56.1	56.7	56.9	56.9	57.1	57.1	57.2	57.9
≥ 9000	20.9	42.9	46.7	50.3	53.9	54.2	56.1	56.5	56.7	57.3	57.5	57.5	57.7	57.7	57.8	58.5
≥ 8000	21.3	44.0	48.0	51.8	55.4	55.7	57.5	58.0	58.1	58.8	58.9	58.9	59.1	59.2	59.2	60.0
≥ 7000	21.6	44.8	48.8	52.6	56.3	56.6	58.5	59.0	59.1	59.8	59.9	59.9	60.1	60.2	60.2	61.0
≥ 6000	22.1	45.6	49.9	53.7	57.5	57.8	59.8	60.3	60.4	61.1	61.2	61.2	61.4	61.5	61.5	62.3
≥ 5000	22.5	46.6	51.1	55.0	58.8	59.1	61.2	61.7	61.9	62.5	62.7	62.7	62.9	62.9	63.0	63.8
≥ 4500	22.7	47.5	52.0	56.1	60.0	60.3	62.5	63.0	63.2	63.8	64.0	64.0	64.2	64.2	64.3	65.1
≥ 4000	23.3	48.5	53.4	57.6	61.7	62.0	64.2	64.7	64.9	65.6	65.7	65.7	66.0	66.0	66.1	66.9
≥ 3500	24.3	50.0	55.2	59.7	63.9	64.2	66.4	67.0	67.2	67.9	68.0	68.0	68.3	68.4	68.4	69.2
≥ 3000	24.7	50.8	56.2	60.9	65.3	65.6	67.8	68.5	68.6	69.3	69.5	69.5	69.8	69.8	69.9	70.6
≥ 2500	25.2	52.8	58.5	63.4	67.8	68.2	70.5	71.2	71.4	72.1	72.3	72.3	72.6	72.7	72.7	73.5
≥ 2000	25.6	54.3	60.6	65.8	70.5	70.8	73.4	74.1	74.3	75.2	75.4	75.4	75.8	75.9	75.9	76.7
≥ 1800	25.9	55.0	61.5	66.8	71.5	71.9	74.4	75.2	75.4	76.3	76.5	76.5	77.0	77.0	77.1	77.8
≥ 1500	26.3	56.5	63.5	69.0	73.9	74.4	77.3	78.2	78.4	79.4	79.7	79.7	80.1	80.2	80.3	81.0
≥ 1200	26.6	57.6	65.1	71.2	76.4	77.0	80.2	81.1	81.3	82.4	82.7	82.7	83.2	83.2	83.3	84.1
≥ 1000	26.9	58.5	66.6	72.9	78.3	79.0	82.3	83.3	83.5	84.8	85.2	85.2	85.6	85.7	85.8	86.6
≥ 900	27.0	58.8	67.0	73.4	78.9	79.8	83.2	84.3	84.6	85.9	86.3	86.3	86.8	86.9	87.0	87.7
≥ 800	27.0	59.0	67.4	73.9	79.7	80.6	84.3	85.5	85.7	87.1	87.5	87.5	88.0	88.1	88.2	89.0
≥ 700	27.0	59.4	67.9	74.6	80.7	81.7	85.6	86.9	87.1	88.6	89.0	89.0	89.6	89.7	89.7	90.5
≥ 600	27.1	59.7	68.4	75.3	81.5	82.6	86.6	88.0	88.3	90.1	90.5	90.5	91.1	91.2	91.3	92.0
≥ 500	27.1	59.7	68.5	75.6	81.9	83.2	87.8	89.4	89.8	91.8	92.4	92.4	93.3	93.3	93.4	94.2
≥ 400	27.1	59.7	68.5	75.6	82.1	83.5	88.3	90.2	90.7	93.1	93.8	93.8	94.7	94.8	94.9	95.7
≥ 300	27.1	59.7	68.5	75.7	82.3	83.7	88.7	90.7	91.4	93.8	94.7	94.8	95.8	96.0	96.1	96.9
≥ 200	27.1	59.7	68.5	75.7	82.3	83.9	89.0	91.1	91.8	94.4	95.6	95.6	96.7	96.9	97.3	98.2
≥ 100	27.1	59.7	68.5	75.7	82.3	83.9	89.0	91.1	91.8	94.5	95.6	95.7	96.9	97.2	97.7	99.1
0	27.1	59.7	68.5	75.7	82.3	83.9	89.0	91.1	91.8	94.5	95.7	95.8	97.1	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3141

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,42-,2 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	>1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.8	28.5	31.5	34.6	37.2	38.0	39.7	40.6	40.9	42.1	42.8	42.8	43.3	43.5	43.6	44.0
≥ 20000	13.6	30.8	34.3	37.9	40.8	41.7	43.8	44.9	45.2	46.6	47.3	47.4	48.0	48.2	48.4	48.8
≥ 18000	13.9	31.1	34.6	38.3	41.3	42.1	44.2	45.3	45.6	47.0	47.7	47.8	48.4	48.6	48.8	49.2
≥ 16000	14.0	31.3	35.0	38.7	41.7	42.6	44.7	45.7	46.1	47.6	48.3	48.3	48.9	49.1	49.3	49.7
≥ 14000	14.5	32.4	36.3	40.1	43.0	44.0	46.1	47.1	47.5	49.0	49.7	49.7	50.3	50.5	50.7	51.3
≥ 12000	14.9	33.8	37.7	41.6	44.8	45.7	47.9	49.0	49.4	50.9	51.7	51.8	52.4	52.6	52.8	53.2
≥ 10000	15.4	35.4	39.5	43.6	46.9	47.9	50.2	51.3	51.7	53.2	54.1	54.2	54.8	55.0	55.1	55.6
≥ 9000	15.6	35.8	40.0	44.2	47.6	48.5	50.8	51.9	52.3	53.7	54.8	54.8	55.4	55.6	55.8	56.3
≥ 8000	15.7	36.7	41.1	45.4	48.7	49.7	52.0	53.1	53.5	55.2	56.1	56.1	56.7	56.9	57.1	57.6
≥ 7000	16.0	37.6	42.0	46.3	49.8	50.8	53.3	54.4	54.8	56.5	57.4	57.5	58.1	58.3	58.5	58.9
≥ 6000	16.4	38.2	42.8	47.2	50.8	51.8	54.3	55.4	55.8	57.5	58.4	58.5	59.1	59.3	59.5	59.9
≥ 5000	16.7	39.3	44.0	48.6	52.2	53.2	55.9	57.1	57.6	59.3	60.3	60.3	60.9	61.1	61.3	61.8
≥ 4500	16.9	39.9	44.8	49.3	53.0	54.1	56.8	58.0	58.5	60.3	61.2	61.3	61.9	62.1	62.3	62.7
≥ 4000	17.3	41.0	46.1	50.7	54.5	55.6	58.4	59.6	60.0	61.9	62.8	62.9	63.5	63.7	63.9	64.
≥ 3500	18.0	42.1	47.5	52.3	56.2	57.4	60.2	61.4	61.9	63.7	64.7	64.7	65.4	65.6	65.8	66.
≥ 3000	18.4	43.0	48.5	53.4	57.3	58.5	61.4	62.7	63.2	65.0	66.1	66.2	66.9	67.1	67.3	67.7
≥ 2500	19.0	44.4	50.3	55.3	59.3	60.5	63.6	64.9	65.4	67.3	68.5	68.5	69.3	69.5	69.6	70.1
≥ 2000	19.5	46.2	52.5	58.1	62.2	63.5	67.0	68.4	68.9	71.0	72.3	72.3	73.0	73.2	73.4	73.9
≥ 1800	19.7	46.8	53.3	58.9	63.2	64.5	68.0	69.4	70.0	72.0	73.3	73.3	74.1	74.3	74.4	74.9
≥ 1500	19.9	48.3	55.1	61.3	65.8	67.2	70.9	72.4	72.9	75.1	76.5	76.5	77.3	77.5	77.7	78.1
≥ 1200	20.2	49.5	56.9	63.4	68.4	69.9	73.9	75.5	76.1	78.4	79.8	79.9	80.6	80.8	81.1	81.6
≥ 1000	20.3	50.3	58.0	65.0	70.6	72.3	76.7	78.5	79.1	81.7	83.2	83.3	84.1	84.3	84.6	85.1
≥ 900	20.4	50.6	58.4	65.8	71.6	73.2	78.0	79.8	80.4	83.1	84.6	84.7	85.5	85.7	86.0	86.5
≥ 800	20.5	50.9	58.8	66.3	72.6	74.3	79.2	81.2	81.8	84.7	86.3	86.4	87.3	87.5	87.8	88.3
≥ 700	20.5	51.1	59.2	67.1	73.6	75.4	80.5	82.5	83.2	86.1	87.9	88.0	88.9	89.1	89.4	89.9
≥ 600	20.5	51.2	59.5	67.6	74.4	76.3	81.5	83.8	84.4	87.5	89.2	89.3	90.4	90.6	90.8	91.4
≥ 500	20.6	51.6	59.9	68.1	75.1	77.1	82.8	85.2	85.9	89.3	91.2	91.3	92.5	92.7	92.9	93.4
≥ 400	20.6	51.6	59.9	68.2	75.4	77.4	83.3	86.2	86.9	90.5	92.6	92.7	94.0	94.2	94.5	95.0
≥ 300	20.6	51.6	59.9	68.2	75.4	77.4	83.5	86.4	87.4	91.3	93.6	93.7	95.3	95.7	96.2	96.7
≥ 200	20.6	51.6	59.9	68.2	75.5	77.6	83.7	86.6	87.6	91.8	94.3	94.4	96.3	96.8	97.5	98.3
≥ 100	20.6	51.6	59.9	68.2	75.5	77.6	83.7	86.6	87.6	91.8	94.4	94.5	96.6	97.2	98.1	99.2
≥ 0	20.6	51.6	59.9	68.2	75.5	77.6	83.7	86.6	87.6	91.8	94.4	94.5	96.6	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3146

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.0	28.[illegible]	31.8	34.0	36.5	36.9	38.4	38.8	38.9	39.6	39.9	39.9	40.1	40.1	40.1	40.1
≥ 20000	14.2	32.1	36.2	38.8	41.9	42.4	44.2	44.9	45.0	45.8	46.2	46.2	46.4	46.5	46.5	46.6
≥ 18000	14.3	32.5	36.5	39.2	42.3	42.8	44.6	45.3	45.4	46.2	46.5	46.5	46.8	46.9	46.9	46.9
≥ 16000	14.7	33.1	37.2	40.0	43.1	43.6	45.3	46.0	46.1	47.0	47.3	47.3	47.6	47.6	47.7	47.7
≥ 14000	15.3	34.1	38.3	41.1	44.3	44.8	46.6	47.3	47.4	48.4	48.7	48.7	49.0	49.0	49.1	49.1
≥ 12000	16.1	35.9	40.3	43.2	46.5	47.1	48.9	49.7	49.8	50.7	51.0	51.0	51.4	51.4	51.5	51.5
≥ 10000	16.8	37.6	42.3	45.3	48.7	49.3	51.2	52.0	52.1	53.1	53.4	53.4	53.7	53.8	53.8	53.9
≥ 9000	17.1	38.3	42.9	46.0	49.4	50.0	51.9	52.7	52.8	53.8	54.1	54.1	54.5	54.5	54.6	54.6
≥ 8000	17.2	39.4	44.2	47.3	50.9	51.5	53.5	54.3	54.4	55.4	55.7	55.7	56.1	56.1	56.2	56.3
≥ 7000	17.6	40.3	45.4	48.6	52.3	53.0	55.0	55.9	56.0	57.0	57.4	57.4	57.7	57.7	57.8	57.9
≥ 6000	17.9	40.9	46.1	49.4	53.1	53.8	55.9	56.8	56.9	58.0	58.3	58.3	58.7	58.7	58.8	58.9
≥ 5000	18.5	41.7	47.1	50.5	54.4	55.1	57.2	58.2	58.4	59.4	59.8	59.8	60.2	60.2	60.3	60.4
≥ 4500	18.6	42.2	47.6	51.1	55.1	55.8	57.9	59.0	59.2	60.2	60.5	60.5	60.9	61.0	61.0	61.1
≥ 4000	18.9	42.9	48.4	52.0	56.0	56.7	59.0	60.0	60.2	61.3	61.6	61.6	62.1	62.1	62.2	62.2
≥ 3500	19.5	44.2	49.9	53.7	57.9	58.7	61.0	62.1	62.3	63.4	63.[illegible]	63.8	64.2	64.2	64.3	64.4
≥ 3000	20.2	45.5	51.3	55.3	59.6	60.5	62.9	64.0	64.2	65.4	65.8	65.8	66.2	66.3	66.4	66.5
≥ 2500	20.6	46.7	53.0	57.2	61.7	62.7	65.1	66.2	66.5	67.7	68.2	68.2	68.8	68.8	68.9	69.0
≥ 2000	21.5	48.9	55.8	60.6	65.2	66.3	69.0	70.2	70.5	71.8	72.3	72.3	72.9	72.9	73.0	73.1
≥ 1800	21.6	49.4	56.7	61.6	66.4	67.5	70.3	71.6	71.9	73.3	73.8	73.8	74.4	74.4	74.5	74.6
≥ 1500	21.8	51.3	58.8	64.2	69.5	70.8	73.9	75.4	75.8	77.4	77.9	77.9	78.5	78.5	78.6	78.7
≥ 1200	22.0	52.2	60.5	66.2	72.2	73.7	77.0	78.7	79.2	80.8	81.4	81.4	82.1	82.1	82.2	82.3
≥ 1000	22.1	53.0	61.5	67.7	74.4	76.0	79.9	82.0	82.7	84.5	85.2	85.2	85.9	86.0	86.1	86.2
≥ 900	22.1	53.3	61.9	68.4	75.2	76.7	80.9	83.1	83.8	85.9	86.6	86.6	87.4	87.4	87.5	87.6
≥ 800	22.1	53.5	62.2	68.8	75.8	77.4	81.8	84.0	84.8	87.2	88.1	88.1	89.0	89.1	89.2	89.3
≥ 700	22.1	53.7	62.4	69.3	76.5	78.2	82.8	85.1	85.9	88.3	89.5	89.5	90.5	90.5	90.7	90.8
≥ 600	22.1	53.8	62.6	69.5	77.0	78.8	83.6	86.0	86.8	89.6	90.8	90.9	92.0	92.0	92.2	92.3
≥ 500	22.2	54.0	62.8	69.9	77.6	79.6	84.4	87.0	87.9	90.8	92.2	92.3	93.4	93.6	93.8	93.9
≥ 400	22.2	54.0	62.8	69.9	77.7	79.7	84.8	87.7	88.7	92.0	93.6	93.7	95.0	95.3	95.5	95.6
≥ 300	22.2	54.0	62.9	70.0	77.8	79.8	85.0	88.2	89.3	93.0	95.1	95.2	96.8	97.1	97.4	97.5
≥ 200	22.2	54.0	62.9	70.0	77.8	79.8	85.0	88.3	89.3	93.1	95.5	95.7	97.7	98.1	98.6	99.1
≥ 100	22.2	54.0	62.9	70.0	77.8	79.8	85.0	88.3	89.3	93.2	95.5	95.7	97.7	98.3	98.7	99.6
≥ 0	22.2	54.0	62.9	70.0	77.8	79.8	85.0	88.3	89.3	93.2	95.5	95.7	97.7	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3131

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.9	36.4	38.5	39.8	41.1	41.3	41.6	41.7	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	22.2	41.9	44.8	46.5	48.2	48.5	48.9	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	22.4	42.8	45.7	47.5	49.2	49.5	49.9	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	22.8	43.6	46.5	48.3	50.0	50.3	50.7	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	23.4	44.6	47.6	49.4	51.1	51.4	51.8	52.0	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	24.3	46.2	49.3	51.2	53.1	53.5	53.9	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	24.9	47.8	51.1	53.1	55.3	55.7	56.2	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	25.2	48.3	51.7	53.8	56.0	56.4	56.8	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	25.3	48.9	52.3	54.4	56.7	57.1	57.6	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	25.6	50.2	53.7	55.8	58.1	58.5	59.0	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6
≥ 6000	26.0	51.0	54.6	56.8	59.2	59.5	60.1	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	26.5	51.9	55.6	57.8	60.3	60.7	61.3	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	26.8	52.6	56.2	58.5	61.0	61.4	62.0	62.3	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	27.3	53.8	57.6	59.9	62.5	62.9	63.7	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	27.7	54.7	58.7	61.1	63.7	64.1	64.9	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	28.3	56.2	60.4	62.9	65.6	66.1	66.8	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2500	29.0	58.3	63.1	66.0	69.0	69.4	70.3	70.9	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2000	29.9	60.7	66.1	69.3	73.1	73.5	74.8	75.5	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	30.1	61.3	66.9	70.5	74.2	74.7	76.0	76.7	76.8	77.3	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1500	30.6	63.4	69.6	73.7	78.1	78.6	80.1	80.9	81.0	81.6	82.0	82.0	82.1	82.1	82.1	82.1
≥ 1200	30.7	64.3	71.3	75.8	80.4	81.1	83.0	84.0	84.1	84.9	85.3	85.3	85.4	85.4	85.4	85.4
≥ 1000	30.7	64.7	72.1	76.8	81.7	82.5	84.8	86.2	86.3	87.3	87.8	87.8	88.0	88.0	88.0	88.0
≥ 900	30.7	64.9	72.3	77.2	82.2	83.0	85.4	87.0	87.2	88.3	88.8	88.8	89.0	89.0	89.1	89.1
≥ 800	30.7	65.3	72.8	78.0	83.3	84.2	86.7	88.4	88.6	89.8	90.3	90.3	90.5	90.6	90.7	90.7
≥ 700	30.7	65.5	73.1	78.3	83.9	84.9	87.5	89.3	89.7	91.0	91.6	91.6	91.8	91.9	92.0	92.0
≥ 600	30.8	65.9	73.6	78.8	84.5	85.4	88.3	90.3	90.7	92.1	92.7	92.7	93.1	93.1	93.2	93.2
≥ 500	30.8	66.2	73.9	79.2	85.0	86.0	89.4	91.6	92.2	93.9	94.8	94.9	95.3	95.4	95.5	95.5
≥ 400	30.8	66.3	74.0	79.4	85.2	86.2	90.0	92.5	93.2	95.1	96.2	96.4	96.9	97.1	97.2	97.3
≥ 300	30.8	66.3	74.0	79.4	85.2	86.3	90.1	92.7	93.6	95.7	97.3	97.5	98.2	98.6	98.8	98.9
≥ 200	30.8	66.3	74.0	79.4	85.2	86.3	90.1	92.8	93.6	95.9	97.6	97.9	98.9	99.2	99.5	99.6
≥ 100	30.8	66.3	74.0	79.4	85.2	86.3	90.1	92.8	93.6	95.9	97.6	97.9	98.9	99.4	99.7	100.0
0	30.8	66.3	74.0	79.4	85.2	86.3	90.1	92.8	93.6	95.9	97.6	97.9	98.9	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3137

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	38.6	40.5	41.4	42.4	42.5	43.0	43.0	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	25.0	44.3	46.7	48.1	49.8	50.0	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	25.2	44.8	47.2	48.7	50.4	50.5	51.0	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3
≥ 16000	25.4	45.3	47.8	49.3	51.0	51.2	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	26.1	46.9	49.6	51.2	52.9	53.1	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	27.2	49.3	52.1	53.8	55.7	55.8	56.4	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	28.0	51.3	54.3	56.2	58.2	58.4	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2
≥ 9000	28.2	51.8	54.8	56.7	58.7	59.0	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000	28.7	53.3	56.4	58.6	60.6	60.9	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	29.3	54.3	57.5	59.7	61.8	62.1	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	29.9	55.3	58.5	61.0	63.1	63.4	64.2	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 5000	30.3	56.2	59.6	62.2	64.5	64.8	65.6	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 4500	30.5	56.7	60.0	62.7	65.1	65.4	66.1	66.3	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 4000	30.8	57.7	61.2	64.1	66.6	66.9	67.7	67.9	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 3500	31.4	58.7	62.3	65.4	67.9	68.2	69.1	69.3	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7
≥ 3000	31.6	59.9	63.8	67.1	69.8	70.3	71.3	71.6	71.6	71.9	72.0	72.1	72.2	72.2	72.2	72.2
≥ 2500	32.3	61.9	65.9	69.3	72.3	72.8	74.1	74.4	74.4	74.7	74.8	74.9	75.0	75.0	75.0	75.0
≥ 2000	32.8	64.0	69.0	73.2	76.5	77.1	78.4	78.8	78.9	79.4	79.5	79.6	79.7	79.7	79.7	79.7
≥ 1800	33.0	64.4	69.5	74.0	77.4	78.0	79.4	79.8	79.9	80.4	80.6	80.6	80.8	80.8	80.8	80.8
≥ 1500	33.1	65.1	71.0	75.6	79.4	80.1	81.7	82.3	82.4	83.1	83.2	83.3	83.4	83.4	83.4	83.4
≥ 1200	33.2	65.9	72.1	77.2	81.6	82.3	84.3	85.1	85.2	86.4	86.6	86.6	86.8	86.8	86.8	86.8
≥ 1000	33.2	66.0	72.5	77.7	82.5	83.4	85.6	86.6	86.7	88.1	88.5	88.5	88.7	88.7	88.7	88.7
≥ 900	33.2	66.3	72.8	78.0	83.0	83.9	86.3	87.4	87.6	89.1	89.5	89.5	89.9	90.0	90.0	90.0
≥ 800	33.3	66.7	73.3	78.6	83.8	84.8	87.4	88.7	88.9	90.4	90.9	90.9	91.3	91.4	91.4	91.4
≥ 700	33.3	66.7	73.4	78.8	84.2	85.4	88.3	89.8	89.9	91.6	92.2	92.2	92.7	92.7	92.8	92.8
≥ 600	33.3	66.9	73.6	79.1	84.5	85.8	88.9	90.6	90.7	92.5	93.1	93.1	93.6	93.7	93.8	93.8
≥ 500	33.3	67.0	73.7	79.3	85.0	86.3	89.7	91.5	91.9	94.0	94.8	94.9	95.5	95.5	95.6	95.7
≥ 400	33.3	67.0	73.7	79.3	85.1	86.6	90.0	92.0	92.4	94.6	95.6	95.7	96.5	96.6	96.7	96.8
≥ 300	33.3	67.0	73.8	79.4	85.2	86.6	90.3	92.3	92.8	95.4	96.7	96.8	97.9	98.1	98.4	98.4
≥ 200	33.3	67.0	73.8	79.4	85.2	86.7	90.3	92.5	92.9	95.6	97.0	97.2	98.6	99.0	99.4	99.6
≥ 100	33.3	67.0	73.8	79.4	85.2	86.7	90.3	92.5	92.9	95.6	97.0	97.2	98.7	99.0	99.6	99.8
≥ 0	33.3	67.0	73.8	79.4	85.2	86.7	90.3	92.5	92.9	95.6	97.0	97.2	98.7	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3145

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.6	37.4	40.4	42.9	45.1	45.4	46.1	46.4	46.4	46.5	46.7	46.7	46.8	46.8	46.8	46.8
≥ 20000	20.5	41.1	44.3	47.2	49.8	50.1	50.9	51.4	51.4	51.5	51.7	51.7	51.8	51.8	51.8	51.9
≥ 18000	20.5	41.4	44.6	47.5	50.1	50.5	51.3	51.7	51.7	51.9	52.1	52.1	52.2	52.2	52.2	52.2
≥ 16000	20.8	42.1	45.4	48.4	51.0	51.4	52.2	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.1	53.1
≥ 14000	21.2	43.1	46.5	49.6	52.4	52.8	53.6	54.0	54.0	54.2	54.4	54.4	54.4	54.4	54.5	54.5
≥ 12000	22.2	45.4	48.9	52.1	55.0	55.4	56.2	56.6	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.2
≥ 10000	23.0	47.1	50.6	53.9	56.8	57.3	58.1	58.6	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.1
≥ 9000	23.2	47.4	51.0	54.3	57.3	57.8	58.6	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.6	59.6
≥ 8000	23.8	48.4	52.0	55.4	58.5	59.1	60.0	60.5	60.5	60.7	60.8	60.8	60.9	60.9	60.9	61.0
≥ 7000	24.4	49.5	53.2	56.8	60.0	60.5	61.5	62.0	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.5
≥ 6000	24.7	50.3	54.1	57.9	61.1	61.7	62.7	63.1	63.2	63.4	63.6	63.6	63.6	63.6	63.7	63.7
≥ 5000	25.6	52.3	56.3	60.1	63.4	63.9	65.0	65.4	65.5	65.7	65.8	65.8	65.9	65.9	65.9	66.0
≥ 4500	26.1	53.3	57.2	61.1	64.4	65.1	66.1	66.5	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1
≥ 4000	26.6	54.4	58.6	62.7	66.0	66.7	67.7	68.2	68.2	68.5	68.7	68.7	68.8	68.8	68.8	68.8
≥ 3500	27.0	55.5	60.0	64.3	67.7	68.4	69.5	70.0	70.0	70.4	70.6	70.6	70.7	70.7	70.7	70.7
≥ 3000	27.3	57.0	61.9	66.3	69.9	70.7	71.8	72.3	72.4	72.8	73.0	73.0	73.1	73.1	73.2	73.2
≥ 2500	27.6	58.6	63.8	68.3	72.1	72.9	74.1	74.7	74.7	75.2	75.4	75.4	75.5	75.5	75.6	75.7
≥ 2000	27.9	60.8	66.7	71.8	75.9	76.8	78.2	78.8	78.8	79.3	79.7	79.7	79.8	79.8	79.8	79.9
≥ 1800	28.0	61.3	67.3	72.5	76.8	77.8	79.1	79.8	79.9	80.3	80.7	80.7	80.8	80.8	80.9	81.0
≥ 1500	28.1	62.0	68.5	74.1	78.4	79.5	81.0	81.7	81.8	82.5	82.8	82.8	83.0	83.0	83.1	83.2
≥ 1200	28.1	62.8	69.7	75.7	80.6	81.7	83.5	84.3	84.4	85.3	85.6	85.6	85.7	85.7	85.9	86.0
≥ 1000	28.2	63.0	70.3	76.7	82.1	83.3	85.4	86.2	86.4	87.4	87.7	87.7	87.9	87.9	88.0	88.1
≥ 900	28.2	63.2	70.6	77.0	82.5	83.9	86.0	87.0	87.1	88.3	88.6	88.6	89.0	89.1	89.2	89.3
≥ 800	28.2	63.6	70.9	77.5	83.1	84.5	86.7	87.7	87.9	89.1	89.6	89.6	90.1	90.1	90.3	90.3
≥ 700	28.2	63.8	71.3	77.9	83.7	85.1	87.5	88.7	88.8	90.2	90.7	90.7	91.1	91.2	91.3	91.4
≥ 600	28.2	64.0	71.6	78.3	84.1	85.6	88.3	89.7	89.9	91.4	91.9	92.0	92.5	92.5	92.7	92.8
≥ 500	28.2	64.0	71.7	78.5	84.6	86.1	89.3	90.9	91.3	93.2	93.8	93.8	94.4	94.4	94.6	94.6
≥ 400	28.2	64.0	71.8	78.7	85.0	86.7	90.2	92.0	92.5	94.9	95.6	95.7	96.4	96.4	96.6	96.7
≥ 300	28.2	64.1	71.8	78.8	85.3	86.9	90.7	92.7	93.2	95.9	96.8	96.9	97.6	97.7	97.9	98.0
≥ 200	28.2	64.1	71.8	78.8	85.3	87.0	90.8	92.8	93.4	96.3	97.3	97.4	98.3	98.4	98.7	98.8
≥ 100	28.2	64.1	71.8	78.8	85.3	87.0	90.8	92.8	93.4	96.4	97.4	97.5	98.5	98.6	99.0	99.6
≥ 0	28.2	64.1	71.8	78.8	85.3	87.0	90.8	92.8	93.4	96.4	97.4	97.5	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3139

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.4	38.0	41.1	45.0	47.5	47.8	48.9	49.7	.3	49.5	49.8	49.3	49.9	49.9	50.0	50.2
≥ 20000	20.7	40.9	44.3	48.6	51.2	51.5	52.6	53	.1	53.4	53.6	53.6	53.8	53.8	53.9	54.1
≥ 18000	21.0	41.3	44.7	49.0	51.6	52.0	53.0	53.	53.6	53.8	54.1	54.1	54.2	54.2	54.3	54.5
≥ 16000	21.1	41.5	45.0	49.3	51.9	52.2	53.3	53.8	53.8	54.1	54.3	54.3	54.5	54.5	54.6	54.8
≥ 14000	21.6	42.4	45.8	50.3	53.1	53.5	54.6	55.1	55.1	55.3	55.6	55.6	55.8	55.8	55.9	56.1
≥ 12000	22.2	44.1	47.7	52.1	55.2	55.6	56.7	57.2	57.2	57.4	57.7	57.7	57.8	57.8	57.9	58.1
≥ 10000	23.2	45.8	49.6	54.3	57.4	57.8	58.9	59.4	59.4	59.7	60.0	60.0	60.1	60.1	60.2	60.4
≥ 9000	23.4	46.3	50.1	54.8	58.0	58.5	59.6	60.1	60.1	60.3	60.6	60.6	60.8	60.8	60.9	61.1
≥ 8000	23.7	47.1	51.1	55.9	59.1	59.6	60.7	61.2	61.2	61.5	61.7	61.7	61.9	61.9	62.0	62.2
≥ 7000	24.3	48.2	52.2	57.2	60.5	61.0	62.1	62.7	62.7	62.9	63.2	63.2	63.3	63.3	63.5	63.7
≥ 6000	24.6	49.1	53.3	58.4	61.8	62.2	63.5	64.0	64.0	64.3	64.5	64.5	64.7	64.7	64.8	65.0
≥ 5000	25.2	50.6	54.9	60.2	63.6	64.1	65.3	65.9	65.9	66.1	66.4	66.4	66.5	66.5	66.7	66.9
≥ 4500	25.6	51.6	55.9	61.2	64.7	65.2	66.4	67.0	67.0	67.2	67.5	67.5	67.6	67.6	67.8	68.0
≥ 4000	26.2	52.6	57.1	62.5	66.1	66.6	67.9	68.5	68.5	68.7	69.0	69.0	69.1	69.1	69.3	69.4
≥ 3500	26.5	53.5	58.1	63.7	67.3	67.8	69.1	69.7	69.7	70.0	70.3	70.3	70.4	70.4	70.5	70.7
≥ 3000	27.1	54.9	59.8	65.4	69.3	69.9	71.3	71.9	71.9	72.2	72.6	72.6	72.7	72.7	72.8	73.0
≥ 2500	27.3	56.8	62.1	68.1	72.0	72.6	74.1	74.7	74.7	75.1	75.4	75.4	75.5	75.5	75.7	75.9
≥ 2000	27.	58.6	64.6	71.0	75.0	75.7	77.3	78.0	78.0	78.4	78.7	78.7	78.8	78.8	79.0	79.2
≥ 1800	27.6	59.2	65.3	71.7	75.9	76.6	78.2	78.9	78.9	79.3	79.6	79.6	79.7	79.7	79.9	80.1
≥ 1500	27.7	60.1	66.7	73.3	77.8	78.5	80.4	81.1	81.1	81.6	81.9	81.9	82.1	82.1	82.2	82.4
≥ 1200	27.8	61.0	68.1	75.2	80.0	80.7	83.0	83.8	83.9	84.5	84.9	84.9	85.1	85.1	85.2	85.4
≥ 1000	28.0	61.8	69.1	76.4	81.4	82.3	85.1	86.1	86.2	86.9	87.2	87.3	87.6	87.6	87.7	87.9
≥ 900	28.0	62.1	69.3	77.0	82.2	83.1	86.0	87.0	87.1	87.9	88.3	88.4	88.8	88.8	88.9	89.1
≥ 800	28.1	62.3	69.8	77.4	82.6	83.7	86.8	87.9	88.0	88.8	89.3	89.4	89.8	89.8	90.0	90.2
≥ 700	28.2	62.5	70.2	77.9	83.2	84.2	87.6	88.8	88.8	89.7	90.3	90.4	90.8	90.9	91.1	91.3
≥ 600	28.2	62.6	70.4	78.3	83.6	84.7	88.2	89.5	89.7	90.8	91.5	91.6	92.0	92.0	92.3	92.5
≥ 500	28.2	62.7	70.7	78.6	84.1	85.3	89.3	90.8	91.0	92.3	92.9	93.0	93.4	93.5	93.8	94.0
≥ 400	28.2	62.7	70.8	78.8	84.7	86.1	90.2	91.9	92.2	93.7	94.5	94.6	95.1	95.1	95.4	95.6
≥ 300	28.2	62.7	70.8	78.9	84.9	86.4	90.6	92.6	93.0	94.7	95.8	95.9	96.4	96.5	97.0	97.2
≥ 200	28.2	62.7	70.8	79.0	85.0	86.5	90.8	92.9	93.4	95.3	96.5	96.6	97.3	97.3	97.9	98.2
≥ 100	28.2	62.7	70.8	79.0	85.0	86.5	90.8	93.0	93.4	95.4	96.6	96.8	97.5	97.7	98.5	99.2
0	28.2	62.7	70.8	79.0	85.0	86.5	90.8	93.0	93.4	95.4	96.6	96.8	97.5	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3139

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILL (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.5	38.3	41.8	45.0	47.3	47.3	48.1	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.7
≥ 20000	23.8	40.6	44.5	48.2	50.6	50.6	51.4	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	52.0
≥ 18000	23.9	40.9	45.0	48.7	51.0	51.1	51.9	52.0	52.0	52.0	52.3	52.3	52.4	52.4	52.4	52.5
≥ 16000	24.2	41.3	45.3	49.0	51.4	51.4	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.8
≥ 14000	24.6	42.1	46.2	50.1	52.6	52.6	53.4	53.5	53.6	53.6	53.9	53.9	53.9	53.9	53.9	54.1
≥ 12000	25.4	43.4	47.5	51.5	54.0	54.1	54.9	55.0	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.6
≥ 10000	26.4	45.2	49.7	54.0	56.6	56.6	57.6	57.7	57.7	57.8	58.0	58.0	58.1	58.1	58.1	58.2
≥ 9000	26.6	45.7	50.3	54.6	57.3	57.3	58.3	58.4	58.5	58.5	58.8	58.8	58.8	58.8	58.8	59.0
≥ 8000	27.2	47.1	51.7	56.2	58.9	58.9	59.9	60.0	60.1	60.1	60.4	60.4	60.5	60.5	60.5	60.6
≥ 7000	27.9	48.5	53.2	57.9	60.7	60.8	61.7	61.9	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.5
≥ 6000	28.3	49.4	54.4	59.1	62.1	62.2	63.3	63.5	63.5	63.6	63.9	63.9	63.9	63.9	63.9	64.1
≥ 5000	29.2	51.2	56.5	61.5	64.7	64.8	66.1	66.3	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.9
≥ 4500	29.7	52.0	57.3	62.3	65.6	65.7	67.0	67.3	67.3	67.3	67.6	67.6	67.7	67.7	67.7	67.9
≥ 4000	30.3	53.1	58.5	63.8	67.3	67.4	68.7	68.9	69.0	69.0	69.3	69.3	69.4	69.4	69.4	69.5
≥ 3500	30.8	54.5	60.1	65.7	69.1	69.3	70.6	70.9	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.5
≥ 3000	31.6	56.4	62.4	68.0	71.8	71.9	73.3	73.5	73.6	73.6	73.9	73.9	74.0	74.0	74.0	74.1
≥ 2500	32.3	57.9	64.2	69.9	73.9	74.0	75.5	75.7	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.4
≥ 2000	33.3	60.4	67.7	73.9	78.8	79.1	80.7	81.0	81.1	81.2	81.5	81.5	81.6	81.6	81.6	81.7
≥ 1800	33.3	61.3	68.4	74.9	79.9	80.2	81.8	82.2	82.3	82.4	82.7	82.7	82.8	82.8	82.8	82.9
≥ 1500	33.9	62.9	70.2	77.0	82.2	82.6	84.5	85.0	85.1	85.2	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1200	34.1	64.2	71.7	79.2	84.8	85.3	87.5	88.0	88.1	88.4	88.8	88.9	88.9	88.9	88.9	89.1
≥ 1000	34.2	64.7	72.5	80.3	86.0	86.7	89.1	89.7	89.9	90.2	90.7	90.8	90.8	90.8	90.8	91.0
≥ 900	34.2	64.7	72.5	80.3	86.1	86.8	89.3	89.9	90.1	90.5	91.0	91.1	91.2	91.2	91.2	91.3
≥ 800	34.3	65.0	72.9	80.8	86.7	87.5	90.3	91.0	91.2	91.8	92.4	92.5	92.5	92.5	92.5	92.7
≥ 700	34.3	65.2	73.2	81.2	87.3	88.2	91.3	91.9	92.1	92.8	93.5	93.6	93.6	93.6	93.6	93.8
≥ 600	34.3	65.2	73.3	81.5	87.7	88.7	92.0	92.8	93.0	93.8	94.5	94.6	94.7	94.7	94.7	94.8
≥ 500	34.3	65.2	73.3	81.6	88.1	89.2	92.7	93.7	93.9	94.8	95.7	95.8	95.9	95.9	95.9	96.1
≥ 400	34.3	65.2	73.4	81.6	88.3	89.4	93.1	94.3	94.5	95.7	96.6	96.8	96.9	96.9	96.9	97.1
≥ 300	34.3	65.2	73.4	81.6	88.4	89.5	93.3	94.6	94.9	96.3	97.3	97.5	97.7	97.7	97.7	98.0
≥ 200	34.3	65.2	73.4	81.6	88.4	89.5	93.3	94.7	94.9	96.5	97.6	97.8	98.4	98.4	98.5	99.0
≥ 100	34.3	65.2	73.4	81.6	88.4	89.5	93.3	94.7	94.9	96.7	97.8	97.9	98.5	98.5	98.6	99.3
0	34.3	65.2	73.4	81.6	88.4	89.5	93.3	94.7	94.9	96.7	97.8	97.9	98.5	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2865

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.7	36.5	39.6	42.9	45.3	45.5	46.2	46.4	46.5	46.8	47.1	47.1	47.1	47.1	47.1	47.2
≥ 20000	21.9	39.2	42.3	46.0	48.6	48.7	49.5	49.7	49.7	50.1	50.3	50.3	50.4	50.4	50.4	50.5
≥ 18000	22.0	39.5	42.7	46.4	48.9	49.1	49.9	50.1	50.1	50.4	50.7	50.7	50.8	50.8	50.8	50.9
≥ 16000	22.1	39.6	42.9	46.6	49.1	49.3	50.1	50.3	50.3	50.6	50.9	50.9	51.0	51.0	51.0	51.1
≥ 14000	22.6	40.8	44.2	48.0	50.6	50.8	51.6	51.8	51.8	52.1	52.4	52.4	52.5	52.5	52.5	52.5
≥ 12000	23.1	41.7	45.2	49.2	52.0	52.2	53.0	53.2	53.2	53.5	53.9	53.9	54.0	54.0	54.0	54.0
≥ 10000	23.7	43.2	47.0	51.4	54.3	54.5	55.4	55.5	55.6	55.9	56.2	56.2	56.3	56.3	56.3	56.4
≥ 9000	23.9	43.9	47.6	52.1	55.1	55.3	56.2	56.3	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.2
≥ 8000	24.2	44.7	48.6	53.4	56.4	56.6	57.5	57.7	57.7	58.0	58.4	58.4	58.4	58.4	58.4	58.5
≥ 7000	24.7	46.0	49.9	55.0	58.1	58.3	59.1	59.3	59.3	59.7	60.0	60.0	60.1	60.1	60.1	60.1
≥ 6000	25.5	47.6	51.7	57.0	60.3	60.5	61.5	61.6	61.7	62.0	62.3	62.3	62.4	62.4	62.4	62.5
≥ 5000	26.4	49.6	53.9	59.3	62.8	62.9	64.1	64.3	64.4	64.7	65.0	65.0	65.1	65.1	65.1	65.2
≥ 4500	26.8	50.2	54.6	60.2	63.7	63.9	65.1	65.3	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.1
≥ 4000	27.3	51.2	55.7	61.6	65.2	65.4	66.7	66.9	66.9	67.3	67.6	67.6	67.7	67.7	67.7	67.7
≥ 3500	27.7	52.3	57.2	63.4	67.1	67.4	68.6	68.8	68.9	69.2	69.5	69.5	69.6	69.6	69.6	69.7
≥ 3000	28.5	54.2	59.6	65.9	69.9	70.2	71.5	71.8	71.8	72.1	72.5	72.5	72.6	72.6	72.6	72.6
≥ 2500	29.1	55.9	61.5	68.1	72.4	72.7	74.1	74.4	74.4	74.8	75.1	75.1	75.2	75.2	75.2	75.3
≥ 2000	30.2	58.1	65.0	71.9	76.5	76.9	78.5	78.8	79.0	79.3	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1800	30.4	59.4	65.8	72.8	77.6	78.1	79.8	80.2	80.3	80.7	81.1	81.1	81.2	81.2	81.2	81.2
≥ 1500	30.9	60.4	67.3	74.8	80.0	80.7	82.5	83.1	83.3	83.7	84.0	84.0	84.2	84.2	84.2	84.2
≥ 1200	31.2	61.6	68.9	76.9	82.3	83.1	85.3	86.1	86.3	86.7	87.2	87.2	87.3	87.3	87.3	87.3
≥ 1000	31.4	62.3	69.7	78.0	83.8	84.5	86.9	87.7	88.0	88.5	89.0	89.0	89.1	89.1	89.1	89.2
≥ 900	31.4	62.4	69.9	78.5	84.4	85.3	87.9	88.6	88.9	89.4	90.0	90.0	90.2	90.2	90.2	90.2
≥ 800	31.4	62.6	70.1	78.8	84.9	86.0	88.6	89.4	89.7	90.3	90.9	90.9	91.1	91.1	91.1	91.2
≥ 700	31.4	62.8	70.4	79.2	85.6	86.7	89.6	90.5	90.9	91.7	92.4	92.4	92.6	92.6	92.6	92.6
≥ 600	31.4	62.8	70.4	79.3	86.1	87.3	90.3	91.3	91.8	92.7	93.3	93.3	93.5	93.5	93.5	93.6
≥ 500	31.4	62.8	70.4	79.5	86.3	87.6	90.9	92.1	92.7	93.8	94.7	94.7	95.0	95.0	95.0	95.2
≥ 400	31.4	62.9	70.4	79.5	86.7	88.0	91.4	92.7	93.3	94.4	95.5	95.6	95.8	95.8	95.8	96.0
≥ 300	31.4	62.9	70.4	79.6	86.8	88.3	91.8	93.2	93.8	95.1	96.4	96.5	97.0	97.1	97.1	97.3
≥ 200	31.4	62.9	70.4	79.6	86.8	88.3	91.9	93.3	94.0	95.6	97.0	97.2	98.0	98.2	98.2	98.7
≥ 100	31.4	62.9	70.4	79.6	86.8	88.3	91.9	93.3	94.0	95.7	97.1	97.3	98.3	98.6	98.7	99.4
0	31.4	62.9	70.4	79.6	86.8	88.3	91.9	93.3	94.0	95.7	97.2	97.4	98.3	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2865

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS IONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.3	28.0	31.4	35.1	37.9	38.3	40.1	40.7	40.8	41.7	42.1	42.2	42.6	42.6	42.7	42.9
≥ 20000	16.4	30.6	34.6	38.8	41.8	42.2	44.4	45.0	45.2	46.4	46.8	46.9	47.4	47.4	47.5	47.6
≥ 18000	16.4	30.9	34.8	39.0	42.0	42.4	44.6	45.3	45.4	46.6	47.1	47.2	47.6	47.7	47.8	48.0
≥ 16000	16.6	31.1	35.2	39.4	42.4	42.9	45.1	45.7	45.9	47.1	47.5	47.6	48.1	48.1	48.2	48.4
≥ 14000	16.8	31.7	35.8	40.1	43.3	43.7	46.0	46.6	46.8	48.0	48.5	48.6	49.1	49.1	49.2	49.4
≥ 12000	17.2	32.8	37.0	41.8	45.1	45.5	47.9	48.6	48.8	50.1	50.6	50.7	51.2	51.2	51.3	51.5
≥ 10000	17.8	34.5	39.1	44.4	48.1	48.6	51.1	51.7	51.9	53.3	53.8	53.9	54.4	54.4	54.6	54.7
≥ 9000	18.3	35.4	40.0	45.3	49.1	49.6	52.0	52.7	52.9	54.2	54.8	54.9	55.4	55.4	55.5	55.7
≥ 8000	18.7	36.3	41.1	46.6	50.5	51.0	53.5	54.2	54.4	55.7	56.3	56.4	56.9	56.9	57.1	57.2
≥ 7000	19.2	37.2	42.2	47.9	51.9	52.5	55.1	55.8	56.0	57.3	57.9	58.0	58.5	58.6	58.7	58.9
≥ 6000	19.3	37.9	43.1	49.0	53.2	53.7	56.6	57.3	57.5	58.9	59.4	59.5	60.1	60.2	60.3	60.5
≥ 5000	20.1	39.5	44.9	51.1	55.3	55.8	58.8	59.6	39.8	61.2	61.7	61.8	62.4	62.5	62.6	62.8
≥ 4500	20.3	40.1	45.6	51.8	56.3	56.8	59.8	60.6	60.7	62.2	62.8	62.9	63.5	63.5	63.6	63.8
≥ 4000	20.7	40.8	46.6	52.9	57.5	58.1	61.2	62.0	62.1	63.6	64.2	64.3	64.9	64.9	65.1	65.2
≥ 3500	21.0	41.3	47.5	54.2	58.9	59.5	62.7	63.5	63.7	65.2	65.8	65.9	66.5	66.5	66.7	66.8
≥ 3000	21.6	43.1	49.4	56.2	61.2	61.9	65.1	66.0	66.2	67.8	68.4	68.5	69.2	69.2	69.4	69.5
≥ 2500	22.2	44.5	50.9	57.8	63.0	63.8	67.1	68.2	68.4	70.1	70.7	70.8	71.5	71.6	71.7	71.9
≥ 2000	23.1	46.7	53.9	61.6	67.4	68.2	71.9	73.1	73.3	75.3	75.9	76.0	76.8	77.9	77.0	77.2
≥ 1800	23.5	47.4	54.7	62.5	68.4	69.2	73.1	74.2	74.5	76.5	77.2	77.3	78.0	78.1	78.3	78.4
≥ 1500	24.3	49.4	57.0	65.2	71.4	72.5	76.7	78.1	78.5	80.6	81.3	81.4	82.2	82.2	82.4	82.6
≥ 1200	24.3	50.4	58.9	67.6	74.3	75.5	79.9	81.6	82.0	84.3	85.0	85.1	85.9	86.0	86.2	86.4
≥ 1000	24.3	50.9	59.5	68.6	75.6	77.0	81.7	83.6	84.0	86.6	87.5	87.6	88.5	88.6	88.8	89.0
≥ 900	24.5	51.0	59.7	68.9	76.1	77.5	82.3	84.3	84.7	87.4	88.4	88.5	89.4	89.5	89.7	89.9
≥ 800	24.5	51.1	59.9	69.3	76.9	78.4	83.5	85.6	86.0	88.8	89.9	90.0	90.9	91.0	91.2	91.4
≥ 700	24.5	51.2	60.1	69.5	77.4	79.0	84.2	86.4	86.9	89.9	91.1	91.3	92.2	92.3	92.5	92.7
≥ 600	24.5	51.2	60.1	69.6	77.7	79.4	84.8	87.1	87.6	90.8	92.0	92.1	93.1	93.3	93.5	93.7
≥ 500	24.5	51.2	60.2	69.7	77.9	79.7	85.2	87.6	88.2	91.6	93.0	93.1	94.2	94.4	94.6	94.9
≥ 400	24.5	51.2	60.2	69.9	78.2	80.0	85.6	88.2	88.8	92.3	93.8	93.9	95.1	95.3	95.6	95.9
≥ 300	24.5	51.2	60.2	69.8	78.2	80.1	85.7	88.6	89.3	93.0	94.9	95.0	96.5	96.8	97.1	97.6
≥ 200	24.5	51.2	60.2	69.8	78.2	80.1	85.7	88.6	89.4	93.1	95.4	95.6	97.5	97.8	98.4	99.1
≥ 100	24.5	51.2	60.2	69.9	78.2	80.1	85.8	88.6	89.4	93.2	95.4	95.6	97.6	98.0	98.6	99.5
0	24.5	51.2	60.2	69.9	78.2	80.1	85.8	88.6	89.4	93.2	95.4	95.6	97.6	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2865

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1 ¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.2	33.7	36.7	39.1	40.8	41.0	41.7	41.9	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	19.9	37.2	40.7	43.5	45.7	45.9	46.8	47.1	47.2	47.4	47.6	47.6	47.6	47.6	47.6	47.6
≥ 18000	20.1	37.6	41.2	44.1	46.3	46.5	47.4	47.7	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	20.5	37.9	41.5	44.5	46.8	47.0	47.9	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	20.7	38.5	42.2	45.2	47.7	47.9	48.8	49.2	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 12000	21.1	39.5	43.4	46.5	49.1	49.5	50.4	50.8	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	21.7	41.2	45.3	48.4	51.2	51.5	52.6	52.9	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4
≥ 9000	21.9	41.5	45.7	48.8	51.6	52.0	53.0	53.4	53.5	53.7	53.8	53.8	53.8	53.8	53.9	53.9
≥ 8000	22.6	42.9	47.4	50.8	53.6	53.9	55.0	55.4	55.5	55.8	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	23.0	43.7	48.3	51.8	54.6	55.0	56.1	56.6	56.6	57.0	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	23.5	44.9	49.8	53.3	56.3	56.7	57.9	58.3	58.3	58.7	58.9	58.9	58.9	58.9	58.9	58.9
≥ 5000	24.3	46.8	52.2	55.9	59.0	59.4	60.7	61.1	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	24.5	47.3	52.9	56.7	59.8	60.3	61.7	62.2	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	24.8	48.2	54.2	58.1	61.5	62.0	63.6	64.1	64.1	64.6	64.7	64.7	64.8	64.8	64.8	64.8
≥ 3500	25.2	48.9	54.9	59.1	62.4	63.0	64.6	65.2	65.2	65.7	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3000	25.6	50.1	56.5	60.9	64.4	65.1	66.6	67.3	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2500	26.4	52.1	58.7	63.4	67.0	67.8	69.5	70.2	70.3	70.9	71.1	71.1	71.1	71.1	71.2	71.2
≥ 2000	27.2	54.2	61.8	66.9	71.2	72.0	74.0	74.8	74.9	75.6	75.9	75.9	76.0	76.0	76.0	76.0
≥ 1800	27.3	54.8	62.4	67.7	72.1	73.0	75.0	75.9	76.0	76.7	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1500	28.0	56.5	65.0	70.8	75.6	76.7	79.0	80.0	80.1	81.0	81.3	81.4	81.4	81.4	81.5	81.5
≥ 1200	28.3	57.8	66.8	73.1	78.5	79.8	82.5	83.8	83.9	85.2	85.6	85.7	85.7	85.7	85.8	85.8
≥ 1000	28.3	58.2	67.3	74.1	79.9	81.5	84.6	86.0	86.2	87.6	88.3	88.4	88.5	88.5	88.6	88.6
≥ 900	28.3	58.4	67.6	74.5	80.4	82.1	85.4	87.0	87.3	88.7	89.5	89.6	89.7	89.7	89.8	89.8
≥ 800	28.4	58.6	67.9	74.9	81.1	82.8	86.2	88.3	88.5	90.3	91.1	91.2	91.3	91.3	91.4	91.4
≥ 700	28.4	58.6	68.1	75.4	81.8	83.5	87.1	89.3	89.7	91.5	92.4	92.5	92.6	92.7	92.8	92.8
≥ 600	28.4	58.7	68.3	75.6	82.3	84.1	88.0	90.4	90.8	92.9	93.9	94.0	94.1	94.2	94.3	94.3
≥ 500	28.4	58.7	68.3	75.9	82.7	84.6	88.7	91.4	91.9	94.1	95.4	95.5	95.8	95.9	96.1	96.1
≥ 400	28.4	58.7	68.4	76.0	82.9	84.8	89.1	91.9	92.5	95.1	96.7	96.8	97.3	97.4	97.6	97.6
≥ 300	28.4	58.7	68.4	76.0	82.9	84.8	89.3	92.3	92.9	95.7	97.3	97.5	98.3	98.5	98.7	98.7
≥ 200	28.4	58.7	68.4	76.0	82.9	84.8	89.4	92.4	93.1	96.1	97.8	97.9	98.8	99.2	99.4	99.7
≥ 100	28.4	58.7	68.4	76.0	82.9	84.8	89.4	92.4	93.1	96.1	97.8	98.0	98.8	99.2	99.5	99.9
≥ 0	28.4	58.7	68.4	76.0	82.9	84.8	89.4	92.4	93.1	96.1	97.8	98.0	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2862

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.2	39.4	40.8	42.1	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	27.9	44.8	46.6	48.3	48.8	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
< 18000	28.2	45.4	47.3	49.0	49.5	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	28.6	46.0	47.8	49.5	50.0	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
< 14000	28.9	46.7	48.7	50.4	51.0	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	29.6	48.7	50.8	52.5	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
< 10000	30.5	50.6	53.1	54.8	55.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	30.7	51.1	53.5	55.4	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
< 8000	31.4	52.3	54.9	56.8	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	31.9	53.2	56.1	58.0	59.0	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
< 6000	32.6	54.7	57.7	59.7	60.8	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	33.3	56.1	59.4	61.7	62.9	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
< 4500	33.5	56.6	60.1	62.5	63.7	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	33.7	57.3	61.2	63.6	65.0	65.2	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
< 3500	34.3	58.5	62.5	65.1	66.6	66.8	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000	35.4	60.1	64.2	66.9	68.6	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
< 2500	36.6	62.7	67.6	70.7	72.4	72.7	73.2	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2000	37.5	65.6	71.3	74.9	77.1	77.4	78.0	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7
< 1800	37.8	66.4	72.3	76.0	78.3	78.6	79.3	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	38.4	67.7	74.6	78.7	81.9	82.3	83.2	83.6	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.2
< 1200	38.5	68.6	76.0	80.5	84.1	84.6	85.9	86.3	86.3	87.0	87.2	87.2	87.3	87.3	87.3	87.3
≥ 1000	38.6	68.9	76.7	81.7	85.7	86.3	87.6	88.3	88.3	89.2	89.5	89.5	89.6	89.6	89.6	89.6
< 900	38.6	69.1	76.8	81.9	86.0	86.7	88.2	89.0	89.1	90.0	90.3	90.3	90.5	90.5	90.5	90.5
≥ 800	38.6	69.3	77.1	82.4	8 .8	87.6	89.3	90.4	90.5	91.8	92.1	92.1	92.3	92.4	92.4	92.4
< 700	38.6	69.3	77.2	83.0	87.7	88.6	90.6	91.8	92.0	93.6	94.1	94.1	94.2	94.3	94.3	94.3
≥ 600	38.6	69.4	77.4	83.3	88.2	89.3	91.8	93.2	93.4	95.4	96.1	96.1	96.3	96.3	96.3	96.3
< 500	38.6	69.5	77.5	83.6	88.6	89.8	92.4	94.0	94.3	96.7	97.6	97.6	97.9	98.0	98.0	98.0
≥ 400	38.6	69.5	77.5	83.6	88.7	90.0	92.6	94.5	94.9	97.5	98.5	98.5	98.9	99.0	99.0	99.0
< 300	38.6	69.5	77.5	83.6	88.8	90.0	92.8	94.8	95.3	98.0	99.0	99.1	99.5	99.7	99.7	99.7
≥ 200	38.6	69.5	77.5	83.6	88.8	90.0	92.8	94.8	95.3	98.0	99.2	99.3	99.8	99.9	100.0	100.0
< 100	38.6	69.5	77.5	83.6	88.6	90.0	92.8	94.8	95.3	98.0	99.2	99.3	99.8	99.9	100.0	100.0
≥ 0	38.6	69.5	77.5	83.6	88.8	90.0	92.8	94.8	95.3	98.0	99.2	99.3	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2863

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	40.9	42.2	42.9	43.3	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	32.0	47.1	48.8	49.7	50.1	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	32.2	47.4	49.1	50.0	50.5	50.6	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	32.5	47.9	49.6	50.5	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	33.0	48.8	50.6	51.5	52.0	52.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000	33.9	50.5	52.4	53.5	54.1	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	34.9	52.5	54.5	55.7	56.3	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	35.3	52.9	55.1	56.2	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	36.0	54.2	56.5	57.8	58.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 7000	36.7	55.6	57.9	59.3	60.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	37.4	57.1	59.7	61.3	62.2	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	38.6	59.2	62.2	64.0	65.0	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4500	39.0	59.9	63.1	65.0	66.0	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	39.5	61.0	64.3	66.2	67.3	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	40.2	62.1	65.5	67.5	68.7	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3000	41.0	64.1	68.0	70.2	71.5	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	41.9	66.4	70.8	73.5	75.1	75.4	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	42.7	69.0	73.9	76.9	79.1	79.6	80.2	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1800	42.8	69.6	74.7	78.0	80.5	81.0	81.7	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	43.1	70.8	76.4	80.0	82.9	83.5	84.3	84.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	43.3	71.7	77.6	81.6	85.0	85.8	87.2	88.0	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	43.3	72.1	78.3	82.6	86.4	87.3	88.8	89.8	90.1	90.6	90.9	90.9	91.1	91.1	91.1	91.1
≥ 900	43.3	72.1	78.5	83.0	86.9	87.7	89.4	90.6	90.9	91.5	91.8	91.9	92.1	92.1	92.1	92.1
≥ 800	43.3	72.2	78.7	83.2	87.2	88.1	90.0	91.2	91.6	92.4	92.8	92.9	93.1	93.2	93.2	93.3
≥ 700	43.3	72.3	78.8	83.6	87.9	88.9	91.0	92.3	92.7	93.6	94.1	94.2	94.4	94.5	94.6	94.6
≥ 600	43.3	72.3	78.9	83.7	88.1	89.3	91.6	93.1	93.6	94.7	95.3	95.3	95.6	95.7	95.8	95.8
≥ 500	43.3	72.3	78.9	83.7	88.2	89.4	91.9	93.7	94.3	95.9	96.7	96.7	97.3	97.4	97.5	97.6
≥ 400	43.3	72.4	79.0	83.8	88.4	89.7	92.2	94.3	94.9	96.8	97.7	97.8	98.5	98.6	98.7	98.8
≥ 300	43.3	72.4	79.0	83.8	88.4	89.7	92.3	94.4	95.1	97.1	98.1	98.2	99.1	99.2	99.3	99.4
≥ 200	43.3	72.4	79.0	83.8	88.4	89.7	92.3	94.4	95.1	97.2	98.3	98.4	99.4	99.5	99.6	99.8
≥ 100	43.3	72.4	79.0	83.8	88.4	89.7	92.3	94.4	95.1	97.2	98.3	98.4	99.4	99.5	99.7	99.8
≥ 0	43.3	72.4	79.0	83.8	88.4	89.7	92.3	94.4	95.1	97.2	98.3	98.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2860

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.9	42.0	45.0	46.9	48.1	48.4	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	27.2	44.5	49.0	51.0	52.5	52.8	53.5	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	27.6	45.9	49.4	51.5	52.9	53.3	54.0	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000	28.0	46.4	50.0	52.0	53.5	53.8	54.5	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	28.4	47.1	50.7	52.8	54.3	54.6	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	29.3	48.8	52.6	54.9	56.6	57.0	57.9	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	30.0	50.2	54.2	56.6	58.4	58.7	59.7	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	30.2	50.6	54.6	57.1	58.8	59.2	60.1	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	31.0	52.0	56.2	58.7	60.5	60.8	61.8	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	31.7	53.4	57.7	60.4	62.2	62.5	63.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	32.4	54.5	59.1	61.8	63.7	64.0	65.0	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	33.5	56.6	61.4	64.3	66.4	66.7	67.8	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	33.9	57.3	62.2	65.2	67.3	67.7	68.8	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	34.4	58.9	64.0	67.0	69.2	69.6	70.8	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	34.8	59.8	65.3	68.4	70.7	71.2	72.5	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	35.7	62.1	67.9	71.2	73.9	74.4	75.7	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	36.5	63.3	69.8	73.4	76.4	76.9	78.4	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	37.0	65.8	72.4	76.1	79.7	80.5	82.0	82.7	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1800	37.2	66.3	72.8	77.0	80.7	81.6	83.1	83.8	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	37.4	67.3	74.1	78.8	83.0	84.0	85.9	86.6	86.8	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 1200	37.5	68.1	75.0	80.1	84.6	85.7	87.8	88.8	89.0	89.5	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1000	37.5	68.4	75.6	80.9	85.7	86.9	89.3	90.3	90.8	91.5	91.7	91.7	91.8	91.8	91.8	91.8
≥ 900	37.5	68.4	75.7	81.0	85.9	87.2	89.6	90.9	91.2	92.1	92.4	92.4	92.5	92.5	92.5	92.5
≥ 800	37.5	68.4	75.8	81.2	86.2	87.6	90.3	91.7	92.0	92.9	93.4	93.4	93.6	93.6	93.6	93.6
≥ 700	37.5	68.6	76.0	81.5	86.7	88.1	90.8	92.2	92.5	93.7	94.3	94.4	94.6	94.6	94.6	94.6
≥ 600	37.5	68.7	76.1	81.7	87.0	88.4	91.2	92.8	93.2	94.6	95.5	95.5	95.7	95.7	95.7	95.7
≥ 500	37.5	68.7	76.1	81.7	87.2	88.6	91.7	93.5	93.9	95.7	96.6	96.7	97.0	97.0	97.0	97.0
≥ 400	37.5	68.7	76.1	81.7	87.2	88.7	92.0	93.9	94.5	96.4	97.5	97.6	97.9	97.9	98.0	98.0
≥ 300	37.5	68.7	76.1	81.7	87.3	88.8	92.1	94.2	94.8	96.9	98.2	98.3	98.7	98.8	98.8	98.9
≥ 200	37.5	68.7	76.1	81.7	87.3	88.8	92.1	94.3	94.9	97.1	98.6	98.6	99.2	99.3	99.4	99.4
≥ 100	37.5	68.7	76.1	81.7	87.3	88.8	92.1	94.3	94.9	97.1	98.6	98.7	99.2	99.3	99.5	99.7
0	37.5	68.7	76.1	81.7	87.3	88.8	92.1	94.3	94.9	97.1	98.6	98.7	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2858

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 SCOTT AFB ILLINOIS/BELLEVILL 38:40-72 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21UO-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	25.2	41.7	45.3	48.3	50.2	50.5	51.4	51.7	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5
≥ 20000	26.4	44.5	48.9	52.1	54.1	54.4	55.1	55.2	55.2	55.3	55.6	55.4	55.5	55.5	55.5	55.6
≥ 18000	26.6	44.7	49.2	52.3	54.3	54.7	55.3	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 16000	26.8	45.0	49.5	52.7	54.7	55.0	55.7	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.2
≥ 14000	27.4	45.8	50.9	53.7	55.7	56.1	56.8	56.9	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3
≥ 12000	28.4	47.6	52.3	55.6	58.0	58.4	59.2	59.3	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.7
≥ 10000	29.3	49.1	54.0	57.6	59.7	60.1	61.0	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4
≥ 9000	29.7	49.7	54.6	58.0	60.4	60.8	61.7	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.2
≥ 8000	30.6	50.9	56.1	59.6	62.0	62.4	63.3	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.8
≥ 7000	31.0	52.0	57.2	60.8	63.2	63.6	64.6	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1
≥ 6000	31.5	53.0	58.4	62.0	64.5	64.9	66.0	66.2	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6
≥ 5000	32.7	54.9	60.5	64.3	66.9	67.4	68.6	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.2
≥ 4500	32.8	55.4	61.0	64.8	67.6	68.1	69.3	69.4	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.9
≥ 4000	33.5	56.9	62.5	66.5	69.4	69.9	71.1	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7
≥ 3500	33.8	58.1	64.0	68.1	71.1	71.7	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.6
≥ 3000	34.4	59.6	65.8	70.1	73.4	73.9	75.2	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9
≥ 2500	35.5	61.7	68.3	72.6	76.2	76.7	78.4	78.8	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.3
≥ 2000	36.2	64.1	71.1	76.0	80.2	80.8	82.7	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.6
≥ 1800	36.4	64.7	71.7	76.7	81.1	81.7	83.6	84.0	84.1	84.2	84.4	84.4	84.5	84.5	84.5	84.6
≥ 1500	36.6	65.8	73.2	78.7	83.4	84.0	86.2	86.7	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.4
≥ 1200	36.7	66.8	74.6	80.3	85.3	86.1	88.5	89.1	89.1	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1000	36.7	67.1	75.2	81.0	86.2	87.2	89.7	90.7	90.7	91.4	91.6	91.6	91.7	91.7	91.7	91.8
≥ 900	36.8	67.1	75.3	81.1	86.4	87.6	90.3	91.3	91.3	92.1	92.3	92.4	92.5	92.5	92.5	92.6
≥ 800	36.9	67.2	75.4	81.3	86.9	88.3	91.0	92.0	92.0	92.9	93.2	93.3	93.4	93.4	93.4	93.5
≥ 700	36.8	67.3	75.6	81.6	87.2	88.7	91.6	92.8	92.8	94.0	94.4	94.5	94.6	94.6	94.6	94.7
≥ 600	36.9	67.4	75.7	81.6	87.5	89.1	92.1	93.5	93.6	95.0	95.5	95.5	95.6	95.7	95.7	95.8
≥ 500	36.8	67.4	75.7	81.6	87.7	89.4	92.3	96.0	94.2	95.7	96.5	96.3	96.7	96.7	96.7	96.8
≥ 400	36.8	67.4	75.7	81.6	87.7	89.5	92.7	96.4	94.6	96.5	97.4	97.5	97.6	97.6	97.7	97.8
≥ 300	36.8	67.4	75.7	81.6	87.8	89.5	92.9	94.7	95.0	97.0	97.9	98.0	98.4	98.4	98.4	98.6
≥ 200	36.8	67.4	75.7	81.6	87.8	89.5	92.9	94.9	95.1	97.2	98.3	98.4	98.9	99.1	99.1	99.4
≥ 100	36.8	67.4	75.7	81.6	87.8	89.5	92.9	94.9	95.1	97.3	98.4	98.5	99.0	99.2	99.4	99.7
≥ 0	36.8	67.4	75.7	81.6	87.8	89.5	92.9	94.9	95.1	97.3	98.4	98.5	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2963

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.2	44.5	46.8	49.3	50.4	50.5	50.9	50.9	50.9	51.2	51.2	51.2	51.3	51.3	51.3	51.4
≥ 20000	28.0	47.5	49.9	52.5	53.8	53.8	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.7	54.8
≥ 18000	28.2	47.9	50.2	52.9	54.1	54.2	54.6	54.7	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.1
≥ 16000	28.3	48.0	50.3	53.1	54.3	54.4	54.8	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.3
≥ 14000	29.1	49.2	51.7	54.6	55.8	55.9	56.3	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.8
≥ 12000	29.8	50.7	53.3	56.3	57.5	57.6	58.0	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.5	58.6
≥ 10000	30.8	52.6	55.6	58.7	60.0	60.2	60.6	60.7	60.7	60.9	61.0	61.0	61.0	61.0	61.1	61.2
≥ 9000	31.1	53.4	56.4	59.6	60.9	61.0	61.5	61.6	61.6	61.8	61.9	61.9	61.9	61.9	61.9	62.0
≥ 8000	31.7	54.7	57.8	61.0	62.4	62.5	63.0	63.0	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.5
≥ 7000	32.8	56.4	59.7	63.2	64.6	64.8	65.3	65.3	65.3	65.6	65.6	65.6	65.7	65.7	65.7	65.8
≥ 6000	33.8	58.3	61.7	65.3	67.0	67.2	67.6	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.2
≥ 5000	35.1	60.9	64.6	68.3	70.0	70.1	70.7	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.2	71.3
≥ 4500	35.6	61.9	65.8	69.5	71.2	71.4	72.1	72.1	72.1	72.4	72.4	72.4	72.5	72.5	72.5	72.6
≥ 4000	36.3	63.3	67.4	71.2	73.1	73.3	74.0	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.5	74.6
≥ 3500	36.9	65.0	69.2	73.2	75.1	75.3	76.0	76.1	76.1	76.4	76.4	76.4	76.5	76.5	76.5	76.6
≥ 3000	37.5	67.2	71.6	75.8	77.8	78.0	78.9	78.9	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.4
≥ 2500	38.3	68.9	73.5	78.0	80.1	80.3	81.2	81.3	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.8
≥ 2000	38.9	70.9	75.8	80.6	83.0	83.3	84.3	84.4	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.9
≥ 1800	39.2	71.4	76.4	81.2	83.6	83.9	85.0	85.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1500	39.5	72.8	77.9	83.1	85.6	86.0	87.2	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.9	88.0
≥ 1200	39.8	73.8	79.2	84.6	87.3	87.8	89.2	89.4	89.4	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1000	40.0	74.3	80.0	85.6	88.6	89.3	90.9	91.1	91.1	91.5	91.6	91.6	91.6	91.6	91.7	91.8
≥ 900	40.0	74.4	80.3	86.0	89.3	90.0	91.6	91.9	92.0	92.4	92.5	92.5	92.6	92.6	92.6	92.7
≥ 800	40.0	74.7	80.7	86.5	90.2	91.0	92.5	92.9	93.0	93.5	93.7	93.7	93.7	93.7	93.8	93.9
≥ 700	40.0	75.0	81.0	87.0	90.8	91.7	93.3	93.7	93.9	94.4	94.7	94.7	94.8	94.8	94.8	94.9
≥ 600	40.0	75.1	81.2	87.3	91.2	92.2	94.1	94.6	94.8	95.6	95.9	95.9	96.0	96.0	96.0	96.2
≥ 500	40.0	75.1	81.2	87.4	91.5	92.6	94.7	95.2	95.4	96.4	96.7	96.7	96.8	96.8	96.9	97.1
≥ 400	40.0	75.1	81.3	87.5	91.7	92.8	95.1	95.8	96.1	97.2	97.6	97.6	97.7	97.7	97.9	98.1
≥ 300	40.0	75.1	81.3	87.5	91.8	93.0	95.4	96.1	96.4	97.7	98.1	98.1	98.2	98.3	98.5	98.6
≥ 200	40.0	75.1	81.3	87.5	91.8	93.0	95.5	96.2	96.5	97.8	98.4	98.4	98.6	98.7	98.9	99.1
≥ 100	40.0	75.1	81.3	87.5	91.8	93.0	95.5	96.2	96.5	97.8	98.5	98.5	98.7	98.9	99.3	99.6
0	40.0	75.1	81.3	87.5	91.8	93.0	95.5	96.2	96.5	97.9	98.5	98.4	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 30-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.7	42.0	45.0	47.0	48.9	49.0	49.5	49.7	49.7	50.1	50.1	50.1	50.2	50.2	50.2	50.3
≥ 20000	25.0	44.4	47.6	49.7	51.6	51.8	52.3	52.5	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.1
≥ 18000	25.2	44.8	48.0	50.1	52.0	52.1	52.7	52.9	52.9	53.3	53.3	53.3	53.4	53.4	53.4	53.5
≥ 16000	25.4	45.0	48.2	50.3	52.3	52.4	52.9	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.7	53.7
≥ 14000	25.7	45.9	49.3	51.5	53.4	53.5	54.1	54.3	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.9
≥ 12000	26.5	47.7	51.3	53.6	55.6	55.7	56.2	56.5	56.5	56.9	57.0	57.0	57.0	57.0	57.0	57.1
≥ 10000	27.5	50.0	53.6	56.1	58.2	58.3	58.9	59.1	59.2	59.6	59.7	59.7	59.7	59.7	59.8	59.8
≥ 9000	27.8	50.6	54.3	56.8	59.0	59.1	59.8	60.0	60.0	60.5	60.5	60.5	60.6	60.6	60.6	60.7
≥ 8000	28.3	51.8	55.7	58.2	60.5	60.6	61.2	61.5	61.5	62.0	62.0	62.0	62.1	62.1	62.1	62.2
≥ 7000	29.1	53.0	57.0	59.7	62.1	62.2	62.8	63.1	63.1	63.6	63.6	63.6	63.7	63.7	63.7	63.8
≥ 6000	29.6	54.2	58.2	61.1	63.5	63.6	64.3	64.6	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.3
≥ 5000	30.5	56.2	60.6	63.6	66.2	66.3	67.1	67.3	67.4	67.9	67.9	67.9	68.0	68.0	68.0	68.1
≥ 4500	31.0	57.1	61.6	64.8	67.4	67.6	68.3	68.6	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 4000	31.6	58.6	63.2	66.6	69.3	69.5	70.2	70.5	70.5	71.1	71.1	71.1	71.2	71.2	71.2	71.3
≥ 3500	32.1	60.0	64.8	68.2	70.9	71.1	71.9	72.2	72.2	72.7	72.8	72.8	72.8	72.8	72.9	72.9
≥ 3000	32.8	61.8	66.8	70.4	73.3	73.5	74.4	74.7	74.7	75.2	75.3	75.3	75.3	75.3	75.3	75.4
≥ 2500	33.6	63.8	69.1	72.9	76.1	76.2	77.1	77.4	77.4	78.0	78.0	78.0	78.1	78.1	78.1	78.2
≥ 2000	34.5	66.5	72.1	76.5	79.9	80.1	81.0	81.3	81.4	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 1800	34.6	66.8	72.5	77.0	80.5	80.7	81.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.8	82.9
≥ 1500	35.0	68.3	74.3	79.1	82.8	83.1	84.4	84.7	84.8	85.4	85.5	85.5	85.5	85.5	85.6	85.7
≥ 1200	35.2	69.2	75.5	80.6	84.6	85.0	86.4	86.7	86.9	87.5	87.6	87.6	87.7	87.7	87.7	87.8
≥ 1000	35.3	69.8	76.5	81.9	86.4	86.9	88.4	88.8	89.0	89.8	89.9	89.9	90.0	90.0	90.0	90.1
≥ 900	35.3	70.1	77.0	82.5	87.2	87.9	89.5	90.0	90.2	91.0	91.1	91.1	91.2	91.2	91.2	91.3
≥ 800	35.3	70.4	77.5	83.5	88.5	89.2	91.0	91.5	91.7	92.6	92.7	92.7	92.9	92.9	92.9	93.0
≥ 700	35.4	70.7	78.0	84.0	89.2	90.0	91.9	92.5	92.7	93.7	93.8	93.8	94.0	94.0	94.0	94.1
≥ 600	35.4	70.8	78.2	84.3	89.8	90.7	92.7	93.5	93.7	94.9	95.2	95.2	95.3	95.3	95.4	95.5
≥ 500	35.4	70.8	78.3	84.6	90.4	91.4	93.6	94.5	94.8	96.1	96.4	96.4	96.5	96.5	96.6	96.7
≥ 400	35.4	70.8	78.4	84.7	90.7	91.7	94.0	95.0	95.4	96.8	97.2	97.2	97.4	97.4	97.6	97.7
≥ 300	35.4	70.8	78.4	84.7	90.7	91.7	94.0	95.1	95.5	97.3	97.7	97.7	98.1	98.2	98.3	98.5
≥ 200	35.4	70.8	78.4	84.7	90.7	91.7	94.0	95.1	95.5	97.4	97.9	97.9	98.5	98.5	98.7	99.0
≥ 100	35.4	70.8	78.4	84.7	90.7	91.7	94.0	95.1	95.5	97.4	98.0	98.0	98.6	98.6	99.0	99.4
0	35.4	70.8	78.4	84.7	90.7	91.7	94.0	95.1	95.5	97.4	98.0	98.0	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3245

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.1	29.9	34.0	37.5	40.0	40.2	41.5	42.0	42.1	42.8	43.0	43.0	43.1	43.1	43.1	43.2
≥ 20000	16.8	33.4	37.8	41.6	44.5	44.9	46.4	47.0	47.1	47.9	48.2	48.2	48.3	48.3	48.3	48.3
< 20000	17.0	33.7	38.2	41.9	44.9	45.2	46.8	47.4	47.5	48.3	48.5	48.5	48.6	48.6	48.7	48.7
≥ 18000	17.1	34.0	38.6	42.4	45.3	45.7	47.3	47.9	48.0	48.8	49.1	49.1	49.2	49.2	49.2	49.2
< 18000	17.8	35.6	40.5	44.3	47.4	47.8	49.4	50.0	50.1	50.9	51.2	51.2	51.3	51.3	51.4	51.4
≥ 14000	18.4	37.1	42.3	46.2	49.4	49.7	51.4	52.1	52.1	53.0	53.3	53.3	53.4	53.4	53.4	53.5
< 14000	19.4	39.1	44.7	48.8	52.1	52.4	54.2	54.9	55.0	55.8	56.1	56.1	56.2	56.2	56.2	56.3
≥ 12000	19.6	39.6	45.2	49.4	52.7	53.1	54.9	55.6	55.6	56.5	56.7	56.7	56.9	56.9	56.9	57.0
< 12000	20.0	41.0	46.7	51.2	54.6	54.9	56.8	57.5	57.6	58.4	58.7	58.7	58.8	58.8	58.9	58.9
≥ 10000	20.6	42.7	48.5	53.2	56.7	57.1	59.1	59.8	59.9	60.8	61.1	61.1	61.2	61.2	61.2	61.3
< 10000	21.2	43.9	50.0	54.9	58.6	59.0	60.9	61.7	61.8	62.7	63.0	63.0	63.1	63.1	63.2	63.2
≥ 9000	22.2	46.0	52.3	57.3	61.1	61.5	63.6	64.4	64.5	65.4	65.7	65.7	65.8	65.8	[illegible]	65.9
< 9000	22.5	46.7	53.2	58.5	62.4	62.9	65.0	65.8	65.9	66.8	67.1	67.1	67.3	67.[illegible]	[illegible]	67.4
≥ 8000	22.9	48.0	54.7	60.3	64.4	64.8	67.0	67.8	67.9	68.9	69.2	69.2	69.3	69.[illegible]	69.4	69.4
< 8000	23.3	49.4	56.1	61.9	66.1	66.5	68.7	69.5	69.6	70.6	70.9	70.9	71.0	71.0	71.1	71.1
≥ 7000	24.0	50.9	58.0	63.9	68.2	68.7	70.9	71.9	72.0	73.1	73.4	73.4	73.5	73.5	73.6	73.6
< 7000	24.7	52.4	60.0	66.3	70.8	71.3	73.6	74.6	74.7	75.[illegible]	76.1	76.1	76.3	76.3	76.3	76.4
≥ 6000	25.3	54.2	62.1	68.8	73.6	74.1	76.6	77.5	77.7	[illegible]8.9	79.3	79.3	79.4	79.4	79.5	79.5
< 6000	25.5	55.0	63.0	69.9	74.8	75.3	77.8	78.8	79.0	80.2	[illegible]0.6	80.6	80.7	80.7	80.8	80.8
≥ 5000	25.9	56.2	64.6	71.6	77.0	77.5	80.3	81.5	81.7	83.2	83.6	83.6	83.8	83.8	83.9	83.9
< 5000	26.1	57.5	66.2	73.7	79.5	80.0	83.1	84.3	84.5	86.1	86.6	86.6	86.8	86.8	86.9	86.9
≥ 4500	26.2	58.2	67.1	75.0	81.2	82.0	85.3	86.6	86.9	88.7	89.2	89.2	89.4	89.4	89.5	89.6
< 4500	26.2	58.4	67.5	75.6	82.0	82.7	86.1	87.5	87.8	89.6	90.2	90.2	90.5	90.5	90.6	90.6
≥ 4000	26.2	58.7	68.0	76.3	83.0	83.8	87.5	89.0	89.3	91.2	91.9	91.9	92.3	92.3	92.4	92.4
< 4000	26.3	58.8	68.3	76.6	83.6	84.5	88.4	90.1	90.5	92.4	93.1	93.1	93.6	93.6	93.7	93.7
≥ 3500	26.3	58.9	68.5	76.9	84.1	85.0	89.2	90.9	91.4	93.4	94.1	94.2	94.7	94.7	94.8	94.8
< 3500	26.3	59.0	68.5	77.1	84.4	85.4	90.0	92.0	92.6	95.0	95.7	95.8	96.4	96.4	96.5	96.5
≥ 3000	26.3	59.0	68.6	77.2	84.5	85.5	90.2	92.3	93.0	95.7	96.5	96.6	97.2	97.3	97.4	97.4
< 3000	26.3	59.0	68.6	77.2	84.6	85.6	90.2	92.5	93.1	95.9	97.1	97.3	98.0	98.0	98.3	98.4
≥ 2500	26.3	59.0	68.6	77.2	84.6	85.6	90.2	92.5	93.1	95.9	97.2	97.3	98.1	98.2	98.6	98.9
< 2500	26.3	59.0	68.6	77.2	84.6	85.6	90.2	92.5	93.1	95.9	97.2	97.3	98.3	98.4	99.0	99.4
≥ 2000	26.3	59.0	68.6	77.2	84.6	85.6	90.2	92.5	93.1	95.9	97.2	97.3	98.4	98.5	99.0	100.0
< 2000																
≥ 1800																
< 1800																
≥ 1500																
< 1500																
≥ 1200																
< 1200																
≥ 1000																
< 1000																
≥ 900																
< 900																
≥ 800																
< 800																
≥ 700																
< 700																
≥ 600																
< 600																
≥ 500																
< 500																
≥ 400																
< 400																
≥ 300																
< 300																
≥ 200																
< 200																
≥ 100																
< 100																
0																

TOTAL NUMBER OF OBSERVATIONS 3241

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13602 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.0	38.2	40.0	41.4	42.1	42.2	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
≥ 20000	26.7	43.2	45.1	47.0	47.8	47.9	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	27.1	43.6	45.5	47.4	48.2	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 16000	27.4	44.0	46.0	47.9	48.8	48.8	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3
≥ 14000	27.9	45.2	47.3	49.2	50.1	50.1	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	28.7	47.0	49.2	51.2	52.1	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	29.7	49.5	52.0	54.2	55.1	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	29.9	49.9	52.4	54.7	55.6	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	30.8	51.3	54.1	56.6	57.5	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 7000	31.3	53.0	55	58.7	59.8	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 6000	31.9	54.3	57.5	60.2	61.2	61.3	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	32.7	56.5	60.0	62.9	64.1	64.2	64.5	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	33.0	57.5	61.2	64.3	65.6	65.7	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	33.6	58.9	62.9	66.2	67.6	67.7	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	34.2	59.8	63.8	67.2	68.7	68.7	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3000	35.5	61.8	66.1	69.6	71.2	71.3	71.8	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2500	36.6	64.5	69.3	72.9	74.5	74.7	75.2	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2000	37.7	68.0	73.4	77.2	79.0	79.3	80.0	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 1800	37.8	68.7	74.3	78.2	80.1	80.4	81.1	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1500	38.4	70.6	76.6	80.9	83.1	83.5	84.3	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	38.5	72.0	78.6	83.3	86.1	86.5	87.3	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	38.7	72.8	79.7	85.0	88.2	88.8	89.9	90.2	90.5	90.7	90.9	91.0	91.0	91.0	91.0	91.0
≥ 900	38.7	72.9	79.9	85.3	89.0	89.8	90.9	91.2	91.5	91.9	92.0	92.2	92.2	92.2	92.2	92.2
≥ 800	38.8	73.1	80.3	85.9	89.9	90.9	92.3	92.9	93.2	93.7	93.9	94.0	94.0	94.0	94.0	94.0
≥ 700	38.8	73.4	80.9	86.8	90.9	92.0	93.4	94.2	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6
≥ 600	38.8	73.5	81.1	87.1	91.5	92.6	94.3	95.3	95.6	96.5	96.8	96.9	97.0	97.0	97.0	97.0
≥ 500	38.8	73.5	81.1	87.3	91.8	92.9	94.8	96.0	96.5	97.7	98.0	98.1	98.4	98.4	98.4	98.4
≥ 400	38.8	73.5	81.1	87.3	91.8	93.0	94.8	96.1	96.7	97.9	98.3	98.5	98.7	98.8	98.8	98.8
≥ 300	38.8	73.5	81.2	87.3	91.8	93.0	94.9	96.3	96.8	98.2	98.6	98.9	99.2	99.3	99.4	99.4
≥ 200	38.8	73.5	81.2	87.3	91.8	93.0	94.9	96.3	96.8	98.3	98.8	99.1	99.4	99.5	99.6	99.7
≥ 100	38.8	73.5	81.2	87.3	91.8	93.0	94.9	96.3	96.8	98.3	98.8	99.1	99.5	99.6	99.8	99.9
C	38.8	73.5	81.2	87.3	91.8	93.0	94.9	96.3	96.8	98.3	98.8	99.1	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3241

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.6	40.9	41.4	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	35.2	47.3	47.9	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000	35.5	47.6	48.2	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	35.9	48.2	48.8	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.3	49.5
≥ 14000	36.8	49.8	50.5	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	37.9	51.6	52.6	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000	39.1	53.9	55.0	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 9000	39.6	54.6	55.6	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	40.4	56.1	57.2	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	41.3	57.8	59.1	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	42.3	59.3	60.8	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	43.3	61.2	62.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	44.1	62.6	64.2	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4000	45.5	64.8	66.5	67.6	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	46.1	66.5	68.3	69.5	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	48.2	70.2	72.2	73.4	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2500	50.5	74.6	77.0	78.3	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	51.9	78.3	81.2	82.9	83.5	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	52.0	79.3	82.3	84.0	84.7	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	52.4	81.0	84.3	86.4	87.3	87.6	87.9	88.0	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1200	52.5	81.8	85.5	88.0	89.6	90.0	90.4	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	52.6	82.5	86.3	89.5	91.6	92.1	92.8	93.1	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.7
≥ 900	52.6	82.7	86.8	90.1	92.3	92.9	93.7	94.0	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	52.7	83.1	87.4	90.6	93.1	93.9	94.6	95.0	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7
≥ 700	52.7	83.2	87.6	91.0	93.5	94.3	95.3	95.7	95.8	96.2	96.4	96.4	96.5	96.5	96.5	96.5
≥ 600	52.7	83.3	87.7	91.3	93.9	94.8	95.9	96.5	96.6	97.0	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	52.7	83.4	87.9	91.6	94.3	95.3	96.5	97.2	97.4	97.8	98.2	98.2	98.4	98.4	98.5	98.5
≥ 400	52.7	83.4	87.9	91.6	94.4	95.4	96.7	97.5	97.7	98.3	98.8	98.8	99.0	99.0	99.1	99.1
≥ 300	52.7	83.4	87.9	91.6	94.5	95.4	96.8	97.7	97.9	98.6	99.1	99.2	99.5	99.5	99.6	99.6
≥ 200	52.7	83.4	87.9	91.6	94.5	95.4	96.8	97.7	97.9	98.6	99.1	99.3	99.6	99.6	99.8	99.8
≥ 100	52.7	83.4	87.9	91.6	94.5	95.4	96.8	97.7	97.9	98.6	99.1	99.3	99.7	99.7	99.9	99.9
≥ 0	52.7	83.4	87.9	91.6	94.5	95.4	96.8	97.7	97.9	98.6	99.1	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS ... 3246

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	40.6	41.0	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	38.2	48.7	49.2	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 18000	38.4	49.1	49.6	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	38.9	49.9	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	40.1	51.5	52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000	41.3	53.5	54.2	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	42.8	56.0	56.7	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	43.1	56.4	57.2	57.4	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	43.8	57.7	58.5	58.8	59.2	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000	44.7	59.5	60.3	60.7	61.1	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000	46.0	61.9	62.8	63.3	63.7	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	47.7	64.4	65.4	65.8	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	48.7	65.9	67.0	67.5	67.9	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4000	50.8	68.9	70.1	70.8	71.2	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500	52.0	71.3	72.8	73.7	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	53.7	74.7	76.4	77.5	77.9	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	55.0	77.9	80.1	81.3	81.9	82.1	82.2	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 2000	56.0	80.6	83.3	85.0	85.8	86.0	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	56.0	81.1	84.0	85.8	86.6	86.9	87.2	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 1500	56.1	82.1	85.5	87.5	88.8	89.1	89.6	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	56.2	82.8	86.3	88.9	90.4	90.8	91.4	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1
≥ 1000	56.3	83.2	87.0	90.2	92.0	92.4	93.4	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 900	56.3	83.3	87.2	90.5	92.4	92.8	93.8	94.4	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 800	56.3	83.4	87.5	90.8	92.8	93.3	94.4	95.0	95.1	95.5	95.6	95.6	95.8	95.8	95.8	95.8
≥ 700	56.3	83.5	87.6	91.1	93.4	93.9	95.1	95.8	95.9	96.3	96.4	96.4	96.6	96.6	96.6	96.6
≥ 600	56.3	83.5	87.8	91.4	93.8	94.4	95.7	96.6	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6
≥ 500	56.3	83.6	87.9	91.5	94.1	94.8	96.4	97.5	97.6	98.2	98.4	98.5	98.8	98.8	98.8	98.8
≥ 400	56.3	83.6	87.9	91.6	94.2	94.9	96.5	97.7	97.9	98.5	98.9	99.0	99.3	99.3	99.4	99.4
≥ 300	56.3	83.6	87.9	91.6	94.2	94.9	96.6	97.8	98.0	98.7	99.0	99.2	99.5	99.5	99.6	99.6
≥ 200	56.3	83.6	87.9	91.6	94.2	95.0	96.6	97.8	98.0	98.7	99.1	99.3	99.6	99.7	99.8	99.8
≥ 100	56.3	83.6	87.9	91.6	94.2	95.0	96.6	97.8	98.0	98.8	99.1	99.4	99.7	99.8	99.9	99.9
0	56.3	83.6	87.9	91.6	94.2	95.0	96.6	97.8	98.0	98.8	99.1	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3238

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.0	45.1	46.5	46.9	47.0	47.1	47.3	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	34.9	49.8	51.2	51.7	51.9	52.0	52.3	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	35.1	50.2	51.7	52.2	52.5	52.6	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	35.3	50.5	52.0	52.6	52.9	53.0	53.2	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	36.1	51.8	53.3	53.9	54.2	54.3	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	37.5	54.1	55.9	56.6	57.0	57.1	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	39.1	56.5	58.2	59.0	59.5	59.6	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	39.3	57.0	59.0	59.8	60.3	60.4	60.6	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	40.2	58.7	60.8	61.7	62.3	62.4	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 7000	41.0	60.5	62.7	63.6	64.2	64.4	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	42.5	63.0	65.3	66.3	67.0	67.2	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	44.0	65.8	68.3	69.3	70.0	70.2	70.5	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	44.7	67.0	69.6	70.7	71.3	71.7	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	46.0	69.5	72.2	73.3	74.3	74.5	74.8	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	46.8	71.8	74.9	76.3	77.2	77.4	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	47.7	74.0	77.5	79.1	80.1	80.3	80.7	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	48.4	76.3	80.2	82.0	83.1	83.4	83.9	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	48.9	78.2	82.3	84.3	86.0	86.3	86.8	87.0	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	49.0	78.6	82.8	85.1	86.6	86.9	87.5	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	49.2	79.3	83.9	86.3	88.2	88.5	89.3	89.5	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	49.2	79.8	84.8	87.5	89.7	90.0	91.0	91.4	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	49.3	80.2	85.6	88.6	91.0	91.5	92.8	93.2	93.3	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 900	49.3	80.3	85.7	88.8	91.4	91.9	93.2	93.7	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	49.3	80.4	86.0	89.1	91.8	92.4	93.8	94.3	94.4	95.2	95.4	95.4	95.5	95.5	95.5	95.5
≥ 700	49.3	80.5	86.1	89.4	92.2	92.9	94.4	95.0	95.2	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	49.4	80.6	86.2	89.5	92.5	93.2	94.9	95.6	95.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	49.4	80.6	86.4	89.8	92.8	93.6	95.5	96.4	96.7	98.0	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	49.4	80.7	86.5	89.9	93.0	93.9	95.7	96.8	97.1	98.5	98.9	99.0	99.2	99.2	99.2	99.2
≥ 300	49.4	80.7	86.5	89.9	93.1	94.0	95.9	97.0	97.3	98.8	99.3	99.3	99.6	99.6	99.7	99.7
≥ 200	49.4	80.7	86.5	89.9	93.1	94.0	95.9	97.0	97.3	98.8	99.3	99.4	99.7	99.7	99.8	99.8
≥ 100	49.4	80.7	86.5	89.9	93.1	94.0	95.9	97.0	97.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8
0	49.4	80.7	86.5	89.9	93.1	94.0	95.9	97.0	97.3	98.9	99.4	99.4	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3240

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.0	46.0	48.2	49.5	50.4	50.5	50.8	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	31.9	49.2	51.4	52.8	53.8	54.0	54.2	54.2	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	32.0	49.4	51.7	53.0	54.1	54.2	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	32.2	49.7	52.1	53.5	54.6	54.7	55.0	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	32.9	50.9	53.3	54.8	55.8	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 12000	33.7	52.3	54.9	56.6	57.8	58.0	58.3	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.6
≥ 10000	34.9	54.6	57.2	59.0	60.3	60.4	60.7	60.7	60.7	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 9000	35.4	55.6	58.4	60.2	61.5	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 8000	36.2	57.1	60.0	61.8	63.1	63.3	63.6	63.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9
≥ 7000	37.2	59.2	62.2	64.1	65.5	65.7	66.0	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 6000	38.5	61.5	64.7	66.7	68.3	68.4	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 5000	39.8	64.2	67.4	69.5	71.2	71.4	71.8	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 4500	40.5	65.5	68.8	70.9	72.6	72.8	73.2	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	41.4	67.1	70.7	72.9	74.6	74.8	75.3	75.3	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 3500	42.2	69.2	72.9	75.3	77.1	77.3	77.8	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 3000	43.2	71.4	75.3	77.9	79.9	80.1	80.6	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	43.7	73.0	77.0	79.7	81.7	82.0	82.5	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 2000	44.1	74.9	79.2	82.1	84.3	84.6	85.3	85.5	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	44.5	75.8	80.2	83.2	85.4	85.7	86.6	86.7	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 1500	44.7	77.1	81.7	85.0	87.4	87.8	88.7	88.9	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1200	45.0	78.0	82.9	86.5	89.2	89.6	90.7	90.9	91.1	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1000	45.0	78.6	83.7	87.5	90.4	90.9	92.1	92.4	92.6	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 900	45.1	78.9	84.2	88.2	91.4	91.9	93.2	93.6	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 800	45.2	79.0	84.3	88.5	91.8	92.3	93.8	94.2	94.4	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 700	45.2	79.0	84.5	88.7	92.2	92.6	94.4	95.0	95.2	95.9	96.1	96.1	96.3	96.3	96.3	96.3
≥ 600	45.2	79.1	84.6	88.9	92.4	93.1	94.9	95.5	95.7	96.4	96.6	96.6	96.8	96.8	96.8	96.8
≥ 500	45.2	79.2	84.8	89.1	92.7	93.5	95.6	96.3	96.5	97.3	97.6	97.6	97.8	97.8	97.8	97.9
≥ 400	45.2	79.2	84.9	89.2	92.9	93.8	95.9	96.7	96.9	97.7	98.0	98.0	98.2	98.3	98.4	98.4
≥ 300	45.2	79.2	84.9	89.2	93.0	93.9	96.1	97.1	97.3	98.3	98.6	98.6	98.9	99.0	99.1	99.1
≥ 200	45.2	79.2	84.9	89.2	93.0	93.9	96.1	97.1	97.4	98.3	98.9	98.9	99.2	99.3	99.4	99.4
≥ 100	45.2	79.2	84.9	89.2	93.0	93.9	96.1	97.1	97.4	98.4	99.0	99.0	99.4	99.5	99.7	99.8
0	45.2	79.2	84.9	89.2	93.0	93.9	96.1	97.1	97.4	98.4	99.0	99.0	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3241

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 39-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS IST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.7	48.9	50.7	51.7	52.3	52.4	52.6	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.9	53.0
≥ 20000	34.5	53.0	54.9	56.1	56.7	56.9	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.5
≥ 18000	34.6	53.3	55.2	56.4	57.0	57.2	57.4	57.4	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.8
≥ 16000	34.8	53.7	55.7	56.8	57.5	57.7	57.8	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.2
≥ 14000	35.6	54.8	56.8	58.0	58.7	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.3	59.3	59.3	59.4
≥ 12000	36.8	57.0	59.1	60.3	61.2	61.3	61.5	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.9	61.9
≥ 10000	38.8	60.3	62.5	63.9	64.9	65.0	65.2	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.6	65.7
≥ 9000	39.7	61.7	64.0	65.4	66.4	66.6	66.8	66.8	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.2
≥ 8000	41.1	63.8	66.2	67.7	68.8	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.6
≥ 7000	42.5	66.5	68.9	70.5	71.6	71.8	72.0	72.1	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.5
≥ 6000	44.1	68.8	71.4	73.0	74.3	74.5	74.7	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.2	75.3
≥ 5000	45.6	71.5	74.3	76.0	77.5	77.7	77.9	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.5
≥ 4500	46.2	72.5	75.4	77.2	78.7	78.9	79.1	79.2	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.7
≥ 4000	47.1	74.2	77.2	78.9	80.5	80.7	81.0	81.0	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.5
≥ 3500	47.3	75.3	78.5	80.4	82.2	82.4	82.7	82.7	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.2
≥ 3000	48.0	77.0	80.4	82.5	84.2	84.5	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.4
≥ 2500	48.5	78.5	82.0	84.1	85.9	86.2	86.5	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 2000	49.1	79.9	83.8	85.9	88.1	88.3	88.7	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.3
≥ 1800	49.1	80.5	84.4	86.6	88.8	89.1	89.5	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.1
≥ 1500	49.2	81.1	85.3	87.7	90.0	90.3	90.7	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.3	91.4
≥ 1200	49.4	82.1	86.4	89.1	91.6	91.9	92.3	92.5	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 1000	49.5	82.8	87.3	90.3	93.0	93.5	94.0	94.1	94.1	94.4	94.6	94.6	94.7	94.7	94.7	94.8
≥ 900	49.5	82.9	87.5	90.7	93.4	94.0	94.5	94.7	94.7	95.0	95.2	95.2	95.3	95.3	95.3	95.4
≥ 800	49.5	83.3	88.1	91.4	94.3	94.9	95.6	95.7	95.7	96.1	96.2	96.2	96.3	96.3	96.4	96.5
≥ 700	49.6	83.5	88.4	91.8	94.9	95.5	96.2	96.4	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.1
≥ 600	49.6	83.7	88.7	92.2	95.4	96.0	96.9	97.1	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.9
≥ 500	49.6	83.7	88.8	92.3	95.6	96.2	97.3	97.4	97.4	97.9	98.1	98.1	98.1	98.1	98.2	98.3
≥ 400	49.6	83.7	88.8	92.4	95.9	96.5	97.7	98.1	98.1	98.5	98.7	98.7	98.8	98.8	98.9	99.0
≥ 300	49.6	83.7	88.8	92.4	96.0	96.7	98.0	98.3	98.3	98.8	99.1	99.1	99.2	99.2	99.3	99.4
≥ 200	49.6	83.8	88.9	92.4	96.1	96.7	98.1	98.4	98.4	98.9	99.3	99.3	99.4	99.4	99.5	99.6
≥ 100	49.6	83.8	88.9	92.5	96.1	96.8	98.1	98.5	98.5	99.0	99.3	99.3	99.5	99.6	99.6	99.8
0	49.6	83.8	88.9	92.5	96.1	96.8	98.1	98.5	98.5	99.0	99.3	99.3	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3130

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS IST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.7	44.5	46.9	48.8	50.2	50.3	50.9	51.2	51.2	51.5	51.5	51.5	51.6	51.6	51.6	51.9
≥ 20000	30.4	48.6	51.2	53.4	54.8	54.9	55.6	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.7
≥ 18000	30.6	49.0	51.6	53.8	55.2	55.3	56.0	56.3	56.3	56.6	56.7	56.7	56.7	56.7	56.7	57.0
≥ 16000	30.9	49.4	52.0	54.2	55.6	55.7	56.4	56.8	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.5
≥ 14000	31.5	50.4	53.0	55.3	56.7	56.8	57.5	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.5
≥ 12000	32.6	52.4	55.3	57.6	59.1	59.2	59.8	60.3	60.3	60.5	60.6	60.6	60.6	60.7	60.7	61.0
≥ 10000	34.2	55.4	58.5	61.1	62.8	62.9	63.5	64.0	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.7
≥ 9000	34.7	56.4	59.5	62.1	63.8	63.9	64.5	65.0	65.0	65.2	65.3	65.3	65.4	65.4	65.4	65.7
≥ 8000	35.9	58.4	61.7	64.3	66.0	66.1	66.8	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.6	68.0
≥ 7000	36.8	60.3	63.7	66.4	68.0	68.2	68.8	69.3	69.3	69.5	69.7	69.7	69.8	69.8	69.8	70.2
≥ 6000	38.1	62.5	66.1	68.9	70.6	70.7	71.4	71.9	71.9	72.2	72.3	72.3	72.4	72.3	72.5	72.8
≥ 5000	39.3	64.9	68.6	71.7	73.4	73.5	74.3	74.8	74.8	75.1	75.2	75.2	75.3	75.4	75.4	75.7
≥ 4500	40.0	66.3	70.2	73.3	75.2	75.3	76.1	76.5	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.5
≥ 4000	40.9	68.1	72.1	75.3	77.2	77.4	78.2	78.7	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.6
≥ 3500	41.4	69.5	73.7	77.0	7		79.0	79.9	80.4	80.4	80.7	80.9	80.9	81.0	81.0	81.3
≥ 3000	41.9	71.0	75.3	78.6	8		.8	81.7	82.2	82.2	82.5	82.7	82.7	82.8	82.8	83.1
≥ 2500	42.6	72.6	77.2	80.7	82.		82.9	83.9	84.4	84.5	84.7	84.9	84.9	85.0	85.0	85.3
≥ 2000	43.5	74.6	79.6	83.2	85.3	85.5	86.5	87.1	87.1	87.4	87.6	87.6	87.7	87.7	87.7	88.0
≥ 1800	43.7	75.1	80.1	83.9	86.1	86.3	87.4	87.9	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.9
≥ 1500	44.0	75.7	81.0	85.0	87.3	87.5	88.6	89.2	89.2	89.6	89.8	89.8	89.8	89.9	89.9	90.2
≥ 1200	44.2	76.9	82.5	86.9	89.3	89.5	90.8	91.4	91.5	91.8	92.0	92.0	92.1	92.1	92.1	92.4
≥ 1000	44.4	77.6	83.7	88.3	90.9	91.2	92.6	93.3	93.4	93.8	93.9	93.9	94.0	94.1	94.1	94.4
≥ 900	44.4	77.8	84.0	88.7	91.4	91.6	93.1	93.9	93.9	94.4	94.5	4.5	94.6	94.6	94.6	95.0
≥ 800	44.4	78.0	84.3	89.2	91.9	92.2	93.8	94.6	94.6	95.1	95.2	95.2	95.3	95.3	95.3	95.7
≥ 700	44.4	78.2	84.6	89.6	92.4	92.7	94.4	95.2	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.4
≥ 600	44.5	78.3	84.7	89.8	92.8	93.1	95.0	95.8	95.9	96.3	96.5	96.5	96.7	96.8	96.8	97.1
≥ 500	44.5	78.3	84.8	90.0	93.2	93.6	95.5	96.4	96.4	96.9	97.1	97.1	97.3	97.4	97.4	97.7
≥ 400	44.5	78.3	84.9	90.3	93.5	93.9	95.9	96.8	97.0	97.5	97.7	97.8	98.0	98.0	98.0	98.3
≥ 300	44.5	78.3	84.9	90.3	93.6	94.0	96.2	97.3	97.4	98.1	98.3	98.4	98.6	98.7	98.7	99.0
≥ 200	44.5	78.3	84.9	90.3	93.6	94.0	96.2	97.3	97.4	98.1	98.5	98.3	98.8	98.9	98.9	99.3
≥ 100	44.5	78.3	84.9	90.4	93.7	94.1	96.3	97.3	97.5	98.2	98.6	98.6	98.9	99.0	99.1	99.6
0	44.5	78.3	84.9	90.4	93.7	94.1	96.3	97.3	97.5	98.2	98.6	98.6	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3133

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.4	37.5	40.8	42.1	43.5	43.6	44.3	44.7	44.7	45.0	45.2	45.2	45.3	45.3	45.4	45.4
≥ 20000	26.4	43.1	46.9	48.6	50.2	50.3	51.2	51.6	51.6	51.9	52.2	52.2	52.3	52.3	52.4	52.5
≥ 18000	26.6	43.6	47.4	49.1	50.6	50.8	51.6	52.1	52.1	52.4	52.6	52.7	52.8	52.8	52.9	53.0
≥ 16000	27.0	44.1	48.0	49.7	51.3	51.4	52.3	52.7	52.8	53.1	53.3	53.4	53.5	53.5	53.6	53.7
≥ 14000	27.8	45.5	49.5	51.2	52.8	53.0	53.9	54.4	54.5	54.7	55.0	55.1	55.2	55.2	55.3	55.3
≥ 12000	29.0	47.9	52.1	54.0	55.6	55.8	56.8	57.2	57.3	57.6	57.9	57.9	58.0	58.0	58.1	58.2
≥ 10000	30.2	50.4	55.1	57.2	59.0	59.2	60.1	60.7	60.7	61.1	61.4	61.4	61.5	61.5	61.6	61.7
≥ 9000	30.8	51.4	56.2	58.4	60.2	60.4	61.4	61.9	61.9	62.3	62.6	62.6	62.7	62.7	62.8	62.9
≥ 8000	31.9	53.7	58.7	61.1	62.9	63.1	64.1	64.6	64.7	65.0	65.3	65.3	65.5	65.5	65.6	65.6
≥ 7000	32.7	55.5	60.7	63.2	65.1	65.3	66.4	66.9	66.9	67.3	67.6	67.7	67.8	67.8	67.9	68.0
≥ 6000	34.1	58.1	63.5	66.1	68.2	68.4	69.5	70.0	70.0	70.4	70.7	70.8	70.9	70.9	71.0	71.1
≥ 5000	35.1	60.0	65.7	68.7	70.8	71.0	72.1	72.6	72.7	73.0	73.4	73.4	73.6	73.6	73.7	73.7
≥ 4500	35.7	61.1	66.9	69.9	72.2	72.4	73.5	74.0	74.1	74.5	74.8	74.8	75.0	75.0	75.1	75.2
≥ 4000	36.4	62.5	68.5	71.7	74.0	74.3	75.4	75.9	76.0	76.4	76.7	76.7	76.9	76.9	77.0	77.0
≥ 3500	37.0	63.5	69.7	73.0	75.4	75.7	76.8	77.4	77.5	77.8	78.2	78.2	78.3	78.3	78.4	78.5
≥ 3000	37.8	64.9	71.2	74.7	77.2	77.5	78.8	79.4	79.5	79.9	80.2	80.3	80.4	80.4	80.5	80.6
≥ 2500	38.6	66.6	73.2	77.1	79.8	80.0	81.3	81.9	82.0	82.5	82.8	82.8	83.0	83.0	83.1	83.2
≥ 2000	39.1	68.2	75.1	79.1	81.9	82.2	83.5	84.1	84.2	84.7	85.1	85.1	85.2	85.2	85.3	85.4
≥ 1800	39.3	68.9	75.8	79.9	82.8	83.0	84.4	85.0	85.1	85.5	85.9	85.9	86.1	86.1	86.2	86.3
≥ 1500	39.6	70.2	77.5	81.8	84.7	85.0	86.5	87.1	87.2	87.6	88.0	88.1	88.2	88.2	88.3	88.4
≥ 1200	39.8	71.2	78.9	83.4	86.5	86.8	88.3	88.9	89.0	89.6	90.0	90.0	90.2	90.2	90.3	90.4
≥ 1000	40.1	72.4	80.4	85.5	88.7	89.0	90.7	91.3	91.4	92.0	92.5	92.5	92.7	92.7	92.8	92.9
≥ 900	40.1	72.9	80.9	86.1	89.3	89.7	91.4	92.0	92.1	92.7	93.2	93.2	93.5	93.5	93.5	93.6
≥ 800	40.2	73.3	81.4	86.7	90.1	90.5	92.4	93.1	93.2	93.8	94.3	94.3	94.6	94.6	94.7	94.8
≥ 700	40.3	73.5	81.6	87.0	90.6	91.1	93.1	93.9	94.0	94.7	95.1	95.2	95.5	95.6	95.7	95.8
≥ 600	40.3	73.5	81.6	87.3	91.1	91.6	93.8	94.6	94.7	95.4	95.9	96.0	96.4	96.5	96.6	96.6
≥ 500	40.4	73.7	81.9	87.5	91.6	92.1	94.6	95.5	95.7	96.5	97.1	97.1	97.5	97.6	97.7	97.8
≥ 400	40.4	73.7	81.9	87.6	91.7	92.2	94.9	95.8	96.2	97.1	97.7	97.7	98.1	98.2	98.4	98.5
≥ 300	40.4	73.7	81.9	87.6	91.7	92.3	95.0	96.1	96.6	97.5	98.1	98.2	98.8	98.9	99.1	99.2
≥ 200	40.4	73.7	81.9	87.6	91.7	92.3	95.0	96.1	96.6	97.6	98.2	98.3	98.9	99.1	99.3	99.5
≥ 100	40.4	73.7	81.9	87.6	91.7	92.3	95.0	96.1	96.6	97.6	98.2	98.3	98.9	99.1	99.3	99.7
0	40.4	73.7	81.9	87.6	91.7	92.3	95.0	96.1	96.6	97.6	98.2	98.3	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3131

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	32.5	41.9	42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	37.9	49.6	50.6	51.0	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000	38.3	50.3	51.3	51.7	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 16000	38.8	50.9	52.0	52.4	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	39.6	52.4	53.5	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	41.2	54.8	56.0	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	42.7	57.3	58.7	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	43.2	58.2	59.6	60.3	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	44.1	60.5	62.0	62.8	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	45.2	62.6	64.3	65.2	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	46.4	64.3	66.4	67.3	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	47.4	66.2	68.4	69.4	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	48.2	67.4	69.8	70.8	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	49.5	69.4	71.9	72.9	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	50.4	70.8	73.3	74.4	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	52.3	73.5	76.1	77.3	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	53.8	76.3	79.2	80.6	81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	55.2	79.6	82.8	84.5	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	55.5	80.3	83.6	85.2	86.0	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	56.2	81.8	85.4	87.2	88.1	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	56.6	83.3	87.4	89.3	90.6	91.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	56.8	84.4	89.0	91.3	92.4	93.0	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	57.0	85.0	89.7	92.2	93.4	94.0	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	57.1	85.3	90.1	92.9	94.2	94.8	95.3	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2
≥ 700	57.1	85.5	90.5	93.5	94.9	95.6	96.2	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 600	57.1	85.6	90.8	93.8	95.5	96.3	97.0	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	57.1	85.7	91.0	94.0	95.8	96.7	97.5	98.3	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2
≥ 400	57.2	85.7	91.0	94.1	95.9	96.8	97.8	98.7	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	57.2	85.7	91.0	94.1	95.9	96.8	97.8	98.8	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	57.2	85.7	91.0	94.1	95.9	96.8	97.8	98.8	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	57.2	85.7	91.0	94.1	95.9	96.8	97.8	98.8	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	57.2	85.7	91.0	94.1	95.9	96.8	97.8	98.8	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3133

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	40.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	42.3	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	43.0	50.9	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	43.3	51.6	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	44.3	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 12000	45.7	55.3	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	47.3	57.8	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	47.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	49.2	61.1	61.6	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	50.2	62.7	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	51.6	65.2	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	53.5	67.8	68.8	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	54.8	69.6	70.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	57.2	73.0	74.3	74.8	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	58.5	74.6	76.0	76.6	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	61.0	78.4	79.9	80.6	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	62.8	82.1	83.6	84.4	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	64.2	85.1	87.0	88.1	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	64.4	85.6	87.6	88.8	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	64.9	87.2	89.7	91.0	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	65.2	88.3	91.2	92.6	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000	65.3	89.0	92.2	93.7	94.9	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	65.3	89.3	92.7	94.3	95.6	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 800	65.3	89.4	92.9	94.6	96.0	96.3	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	65.4	89.8	93.3	95.1	96.7	97.0	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	65.4	89.8	93.5	95.4	97.1	97.6	98.3	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	65.4	90.0	93.8	95.7	97.4	97.9	98.7	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 400	65.4	90.0	93.8	95.7	97.4	97.9	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	65.4	90.0	93.8	95.7	97.5	98.0	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	65.4	90.0	93.8	95.7	97.5	98.0	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.4	90.0	93.8	95.7	97.5	98.0	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	65.4	90.0	93.8	95.7	97.5	98.0	98.9	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3131

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.4	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	44.9	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	45.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0
≥ 16000	46.1	54.3	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	47.4	56.3	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	49.3	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	51.0	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 9000	51.7	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	53.0	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	53.9	66.1	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	55.5	68.2	68.8	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4
≥ 5000	57.2	71.3	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 4500	58.4	73.4	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	60.7	76.6	78.0	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	62.2	78.9	80.5	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	64.0	81.8	83.6	84.1	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	65.3	84.3	86.2	86.8	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	66.3	86.8	89.0	89.7	90.6	90.7	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0
≥ 1800	66.4	87.1	89.4	90.2	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
≥ 1500	66.4	88.1	90.8	91.6	92.8	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	66.4	89.0	91.9	92.9	94.2	94.3	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8
≥ 1000	66.5	89.4	92.5	93.6	95.0	95.2	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 900	66.5	89.5	92.6	93.8	95.2	95.5	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 800	66.6	89.9	93.0	94.3	95.7	96.1	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	66.7	90.1	93.3	94.7	96.1	96.5	97.2	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 600	66.7	90.2	93.4	95.0	96.5	96.9	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	66.7	90.2	93.5	95.1	96.7	97.2	98.2	98.7	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 400	66.7	90.2	93.5	95.2	96.8	97.3	98.4	98.8	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9
≥ 300	66.7	90.2	93.5	95.2	96.8	97.3	98.4	98.8	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	66.7	90.2	93.5	95.2	96.8	97.3	98.4	98.8	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	66.7	90.2	93.5	95.2	96.8	97.3	98.4	98.8	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0
0	66.7	90.2	93.5	95.2	96.8	97.3	98.4	98.8	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3129

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	46.4	47.0	47.5	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	43.8	55.3	56.1	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	44.3	56.1	56.8	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	44.8	56.7	57.5	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 14000	45.7	58.2	59.0	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	47.2	60.5	61.3	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	49.3	63.8	64.6	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	49.6	64.5	65.3	65.9	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	50.7	66.1	67.1	67.8	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	52.2	68.3	69.4	70.2	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	53.7	70.9	72.2	73.0	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	55.3	73.6	75.1	75.9	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	56.2	75.4	76.9	77.7	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	57.3	77.7	79.5	80.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	58.3	79.4	81.3	82.5	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	59.0	80.9	82.9	84.3	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	59.9	82.8	85.2	86.8	87.9	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 2000	60.3	84.9	87.5	89.3	90.6	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1800	60.3	85.1	87.7	89.7	91.0	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1500	60.4	85.7	88.6	90.8	92.2	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1200	60.4	86.3	89.5	91.9	93.4	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1000	60.5	86.7	90.2	92.8	94.5	95.2	95.6	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 900	60.5	86.8	90.4	93.1	94.9	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 800	60.5	86.9	90.6	93.5	95.4	96.1	96.7	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 700	60.5	87.0	90.8	93.8	95.9	96.7	97.2	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 600	60.5	87.2	91.0	94.2	96.3	97.1	97.9	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	60.5	87.2	91.1	94.4	96.5	97.5	98.3	98.9	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 400	60.5	87.2	91.1	94.4	96.5	97.5	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	60.5	87.2	91.1	94.4	96.5	97.5	98.5	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	60.5	87.2	91.1	94.4	96.5	97.5	98.5	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	60.5	87.2	91.1	94.4	96.5	97.5	98.5	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	60.5	87.2	91.1	94.4	96.5	97.5	98.5	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3117

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	50.0	51.6	52.5	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	41.4	56.1	57.9	58.8	59.1	59.3	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	41.6	56.4	58.2	59.1	59.4	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.	59.8	59.8
≥ 16000	42.1	57.1	59.0	59.9	60.1	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	43.1	58.6	60.4	61.4	61.6	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	44.5	60.6	62.4	63.4	63.7	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	47.2	64.9	66.9	67.9	68.3	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	47.9	66.0	68.0	69.1	69.4	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	48.8	67.5	69.5	70.7	71.0	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	50.2	69.8	71.9	73.3	73.6	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	51.6	72.2	74.6	76.0	76.4	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	53.3	75.1	77.5	79.0	79.5	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	53.6	76.1	78.6	80.1	80.7	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	54.5	77.6	80.2	81.7	82.4	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	55.1	79.0	81.7	83.2	84.1	84.4	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	55.7	80.6	83.4	85.1	86.2	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	56.3	82.2	85.3	87.0	88.3	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	56.6	83.7	87.0	88.9	90.4	90.8	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	56.6	83.9	87.3	89.2	90.8	91.1	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	56.9	84.6	88.1	90.2	91.8	92.2	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	57.1	85.3	88.9	91.4	93.2	93.6	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	57.2	86.0	89.7	92.4	94.2	94.8	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	57.3	86.3	90.1	92.7	94.8	95.3	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	57.4	86.5	90.4	93.1	95.3	95.9	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	57.4	86.7	90.5	93.4	95.8	96.4	97.1	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 600	57.4	86.8	90.7	93.8	96.2	96.9	97.8	98.0	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 500	57.4	86.9	90.8	93.9	96.5	97.2	98.2	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	57.4	86.9	90.8	94.1	96.8	97.6	98.8	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	57.4	86.9	90.8	94.1	96.9	97.7	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	57.4	86.9	90.8	94.1	97.0	97.8	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	57.4	86.9	90.8	94.1	97.0	97.8	98.9	99.4	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
0	57.4	86.9	90.8	94.1	97.0	97.8	98.9	99.4	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3126

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.2	57.0	59.3	60.6	61.3	61.5	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1
≥ 20000	41.2	61.3	63.8	65.3	66.1	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.9
≥ 18000	41.4	61.7	64.2	65.6	66.4	66.6	66.8	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 16000	41.7	62.1	64.6	66.2	67.0	67.2	67.3	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 14000	42.4	63.9	66.6	68.2	69.1	69.3	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.0
≥ 12000	43.6	65.9	68.8	70.4	71.4	71.5	71.8	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.2
≥ 10000	45.0	68.5	71.6	73.2	74.2	74.4	74.6	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 9000	45.6	69.3	72.4	74.0	75.1	75.2	75.5	75.6	75.6	75.8	75.8	75.8	75.9	75.9	75.9	76.0
≥ 8000	46.7	71.2	74.4	76.0	77.1	77.3	77.5	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.0
≥ 7000	47.4	73.2	76.5	78.2	79.3	79.5	79.7	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.3
≥ 6000	48.2	74.8	78.2	79.9	81.1	81.3	81.6	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 5000	49.1	76.8	80.2	82.0	83.3	83.5	83.8	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 4500	49.4	77.5	81.1	82.9	84.3	84.5	84.8	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 4000	50.0	78.8	82.6	84.5	85.9	86.1	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	87.0	87.0
≥ 3500	50.4	79.4	83.4	85.4	86.9	87.1	87.5	87.6	87.6	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 3000	50.9	80.7	84.8	86.9	88.5	88.8	89.2	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.8
≥ 2500	51.1	81.2	85.4	87.7	89.4	89.6	90.0	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 2000	51.5	82.5	87.0	89.5	91.4	91.6	92.1	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.7
≥ 1800	51.6	82.7	87.2	89.7	91.7	91.9	92.4	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 1500	51.9	83.4	87.9	90.6	92.6	93.0	93.5	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.1
≥ 1200	52.1	84.0	88.7	91.4	93.6	93.9	94.5	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 1000	52.2	84.7	89.5	92.4	94.6	95.0	95.6	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥ 900	52.2	84.8	89.7	92.6	94.8	95.2	95.9	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 800	52.3	85.1	90.0	92.9	95.3	95.7	96.4	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2
≥ 700	52.3	85.2	90.2	93.1	95.6	96.0	96.8	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.7
≥ 600	52.3	85.3	90.4	93.3	95.8	96.3	97.2	97.5	97.5	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 500	52.3	85.4	90.5	93.4	96.3	96.7	97.7	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 400	52.3	85.4	90.5	93.4	96.4	96.8	97.9	98.3	98.4	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 300	52.3	85.4	90.5	93.4	96.4	96.9	98.0	98.5	98.6	99.0	99.1	99.1	99.2	99.2	99.3	99.3
≥ 200	52.3	85.4	90.5	93.4	96.4	96.9	98.1	98.6	98.8	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 100	52.3	85.4	90.5	93.4	96.4	96.9	98.1	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥ 0	52.3	85.4	90.5	93.4	96.4	96.9	98.1	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3236

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	47.3	50.6	52.9	54.4	54.9	56.1	56.5	56.6	57.0	57.2	57.2	57.5	57.6	57.6	57.7
≥ 20000	31.8	52.3	55.9	58.5	60.1	60.6	61.9	62.5	62.6	63.1	63.3	63.3	63.7	63.7	63.7	63.9
≥ 18000	31.8	52.5	56.1	58.7	60.4	60.9	62.2	62.7	62.8	63.3	63.5	63.6	63.9	64.0	64.0	64.1
≥ 16000	32.1	52.8	56.5	59.1	60.8	61.3	62.6	63.1	63.3	63.7	64.0	64.0	64.4	64.4	64.5	64.6
≥ 14000	32.8	54.5	58.3	60.9	62.7	63.2	64.5	65.0	65.1	65.6	65.9	65.9	66.2	66.3	66.3	66.5
≥ 12000	34.2	56.4	60.3	63.2	64.9	65.4	66.8	67.4	67.5	68.1	68.3	68.3	68.7	68.7	68.8	68.9
≥ 10000	35.5	59.6	63.8	66.9	68.9	69.4	70.9	71.5	71.6	72.2	72.4	72.4	72.8	72.8	72.9	73.0
≥ 9000	35.8	60.4	64.7	67.7	69.7	70.3	71.8	72.4	72.5	73.0	73.3	73.3	73.6	73.7	73.7	73.9
≥ 8000	37.4	63.0	67.4	70.6	72.6	73.2	74.8	75.4	75.5	76.0	76.3	76.3	76.7	76.8	76.8	76.9
≥ 7000	38.2	64.4	69.0	72.2	74.2	74.8	76.4	77.1	77.2	77.7	78.0	78.0	78.4	78.5	78.5	78.6
≥ 6000	39.0	65.6	70.3	73.5	75.6	76.2	77.8	78.5	78.6	79.1	79.4	79.5	79.9	79.9	80.0	80.1
≥ 5000	40.0	67.6	72.3	75.6	77.8	78.4	80.1	80.8	80.9	81.5	81.8	81.8	82.2	82.3	82.3	82.4
≥ 4500	40.3	68.3	73.1	76.6	78.8	79.4	81.1	81.8	81.9	82.5	82.8	82.8	83.3	83.3	83.4	83.5
≥ 4000	40.7	69.4	74.3	77.9	80.2	80.8	82.6	83.3	83.4	84.0	84.3	84.3	84.8	84.8	84.9	85.0
≥ 3500	41.0	70.1	75.0	78.6	81.0	81.6	83.4	84.1	84.2	84.8	85.1	85.1	85.6	85.6	85.7	85.8
≥ 3000	41.7	71.4	76.5	80.4	82.8	83.5	85.4	86.1	86.3	86.8	87.1	87.2	87.6	87.7	87.7	87.9
≥ 2500	42.0	72.2	77.4	81.4	83.9	84.5	86.5	87.2	87.4	87.9	88.3	88.3	88.7	88.8	88.8	89.0
≥ 2000	42.3	72.9	78.5	82.6	85.4	86.1	88.2	89.0	89.1	89.7	90.0	90.0	90.5	90.6	90.6	90.8
≥ 1800	42.5	73.4	79.0	83.1	85.9	86.7	88.8	89.6	89.8	90.3	90.7	90.7	91.2	91.2	91.3	91.4
≥ 1500	42.9	74.3	80.0	84.2	87.1	87.8	90.1	90.9	91.0	91.6	92.0	92.0	92.5	92.5	92.6	92.7
≥ 1200	43.1	74.8	80.7	85.0	88.0	88.9	91.2	92.0	92.2	92.8	93.2	93.2	93.7	93.7	93.8	93.9
≥ 1000	43.2	75.4	81.4	85.8	88.9	89.8	92.3	93.1	93.2	94.0	94.3	94.4	94.9	94.9	95.0	95.1
≥ 900	43.3	75.6	81.6	86.1	89.2	90.2	92.7	93.5	93.6	94.4	94.7	94.8	95.3	95.3	95.4	95.5
≥ 800	43.4	75.8	81.9	86.5	89.7	90.7	93.3	94.1	94.3	95.0	95.3	95.4	95.9	95.9	96.0	96.1
≥ 700	43.5	76.0	82.2	86.8	90.1	91.2	93.8	94.7	94.9	95.6	96.0	96.0	96.5	96.5	96.6	96.8
≥ 600	43.5	76.1	82.2	86.9	90.2	91.3	93.9	94.8	95.0	95.8	96.1	96.2	96.7	96.7	96.8	96.9
≥ 500	43.5	76.2	82.4	87.1	90.5	91.7	94.5	95.6	95.8	96.7	97.1	97.1	97.6	97.7	97.8	97.9
≥ 400	43.5	76.3	82.5	87.2	90.7	91.9	94.8	96.0	96.2	97.2	97.6	97.7	98.2	98.2	98.3	98.5
≥ 300	43.5	76.3	82.5	87.2	90.7	91.9	94.9	96.2	96.5	97.5	98.1	98.2	98.7	98.8	98.9	99.1
≥ 200	43.5	76.3	82.5	87.2	90.7	91.9	95.0	96.4	96.7	97.7	98.3	98.4	99.0	99.1	99.2	99.4
≥ 100	43.5	76.3	82.5	87.2	90.7	91.9	95.1	96.4	96.8	97.8	98.4	98.5	99.2	99.2	99.5	99.8
0	43.5	76.3	82.5	87.2	90.7	91.9	95.1	96.4	96.8	97.8	98.4	98.5	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3244

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.9	42.9	45.4	46.9	48.4	48.7	49.4	49.7	49.7	49.9	50.1	50.1	50.1	50.2	50.2	50.2
≥ 20000	31.6	50.8	53.8	55.5	57.4	57.8	58.6	58.9	58.9	59.1	59.4	59.4	59.4	59.4	59.4	59.5
≥ 18000	31.6	51.1	54.0	55.8	57.7	58.1	58.9	59.2	59.2	59.4	59.6	59.6	59.7	59.7	59.7	59.8
≥ 16000	31.9	51.5	54.4	56.2	58.1	58.5	59.3	59.6	59.6	59.8	60.1	60.1	60.1	60.1	60.1	60.2
≥ 14000	33.0	53.1	56.1	58.0	59.9	60.2	61.1	61.4	61.4	61.6	61.9	61.9	61.9	61.9	61.9	62.0
≥ 12000	34.4	55.1	58.3	60.5	62.5	62.9	63.7	64.2	64.2	64.5	64.7	64.7	64.8	64.8	64.8	64.9
≥ 10000	35.8	58.3	62.0	64.2	66.3	66.8	67.7	68.2	68.2	68.5	68.8	68.8	68.8	68.9	68.9	68.9
≥ 9000	36.4	59.4	63.2	65.4	67.5	68.0	68.9	69.4	69.4	69.7	70.0	70.0	70.0	70.1	70.1	70.1
≥ 8000	37.3	61.7	65.7	68.1	70.3	70.8	71.8	72.3	72.3	72.6	72.9	72.9	73.0	73.0	73.0	73.0
≥ 7000	37.9	63.4	67.6	70.0	72.3	72.8	73.9	74.4	74.4	74.7	75.0	75.0	75.0	75.1	75.1	75.1
≥ 6000	38.6	64.6	68.9	71.4	73.7	74.2	75.3	75.9	75.9	76.2	76.5	76.5	76.6	76.6	76.6	76.7
≥ 5000	39.4	66.2	70.6	73.3	75.7	76.2	77.3	77.9	77.9	78.3	78.6	78.7	78.7	78.8	78.8	78.8
≥ 4500	39.7	67.1	71.6	74.4	76.8	77.3	78.5	79.2	79.2	79.5	79.9	79.9	80.0	80.0	80.0	80.1
≥ 4000	40.5	68.6	73.3	76.1	78.7	79.2	80.5	81.1	81.1	81.5	81.8	81.9	81.9	81.9	81.9	82.0
≥ 3500	40.8	69.2	74.1	77.0	79.6	80.2	81.5	82.1	82.1	82.5	82.8	82.9	82.9	83.0	83.0	83.0
≥ 3000	41.6	70.6	75.6	78.9	81.7	82.3	83.6	84.3	84.3	84.6	85.0	85.0	85.1	85.1	85.1	85.2
≥ 2500	42.1	71.6	76.8	80.2	83.0	83.7	85.0	85.7	85.7	86.1	86.4	86.5	86.6	86.6	86.6	86.6
≥ 2000	42.5	72.7	78.1	81.6	84.5	85.2	86.6	87.4	87.4	87.8	88.1	88.2	88.3	88.3	88.3	88.3
≥ 1800	42.6	72.8	78.4	82.0	84.9	85.7	87.1	87.9	87.9	88.3	88.6	88.7	88.7	88.8	88.8	88.8
≥ 1500	42.9	73.8	79.5	83.2	86.2	87.1	88.5	89.3	89.3	89.7	90.0	90.1	90.2	90.2	90.2	90.3
≥ 1200	43.1	74.9	80.9	84.7	87.6	88.7	90.2	91.0	91.1	91.5	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1000	43.4	75.8	82.1	86.2	89.3	90.2	91.8	92.6	92.7	93.2	93.7	93.7	93.8	93.8	93.8	93.9
≥ 900	43.4	76.2	82.6	86.7	89.9	90.9	92.6	93.4	93.5	94.0	94.5	94.5	94.6	94.6	94.6	94.7
≥ 800	43.5	76.4	82.9	87.1	90.5	91.6	93.4	94.2	94.3	94.9	95.5	95.5	95.6	95.6	95.6	95.7
≥ 700	43.5	76.6	83.2	87.6	91.2	92.4	94.2	95.1	95.3	96.0	96.5	96.5	96.6	96.6	96.6	96.8
≥ 600	43.5	76.7	83.3	87.8	91.6	92.8	94.6	95.6	95.8	96.5	97.1	97.1	97.2	97.2	97.2	97.4
≥ 500	43.5	76.7	83.4	87.9	91.8	93.0	95.0	96.3	96.5	97.4	98.0	98.0	98.1	98.2	98.2	98.4
≥ 400	43.5	76.7	83.4	88.0	91.9	93.2	95.2	96.6	96.8	97.9	98.7	98.7	98.9	98.9	98.9	99.1
≥ 300	43.5	76.7	83.4	88.1	92.0	93.3	95.3	96.7	97.0	98.2	99.1	99.2	99.5	99.5	99.5	99.7
≥ 200	43.5	76.7	83.4	88.1	92.0	93.3	95.3	96.7	97.0	98.2	99.2	99.3	99.6	99.6	99.6	99.8
≥ 100	43.5	76.7	83.4	88.1	92.0	93.3	95.3	96.7	97.0	98.2	99.2	99.3	99.6	99.7	99.8	100.0
0	43.5	76.7	83.4	88.1	92.0	93.3	95.3	96.7	97.0	98.2	99.2	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3235

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.7	47.9	48.5	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	44.9	56.6	57.4	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	45.1	57.1	57.9	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	45.3	57.4	58.2	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	46.2	58.8	59.6	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	47.7	61.0	61.9	62.5	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0
≥ 10000	49.4	63.6	64.5	65.3	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	49.9	64.5	65.6	66.4	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0
≥ 8000	51.1	66.7	67.9	68.7	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	52.1	68.6	70.0	70.8	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6
≥ 6000	53.3	70.6	72.1	72.9	73.3	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	54.4	72.3	73.9	74.8	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	55.2	73.7	75.3	76.2	76.6	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	56.4	75.4	77.2	78.1	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	57.3	76.9	78.9	79.8	80.4	80.5	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	58.8	79.5	81.6	82.7	83.3	83.4	83.6	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 2500	60.1	81.9	84.0	85.3	86.0	86.1	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	61.5	84.5	86.7	88.1	88.9	89.0	89.2	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	61.8	85.1	87.4	88.8	89.6	89.7	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	62.1	86.2	88.7	90.3	91.2	91.3	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	62.7	87.5	90.5	92.2	93.2	93.3	93.6	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	62.9	88.3	91.7	93.6	94.7	94.8	95.2	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	62.9	88.8	92.1	94.1	95.3	95.4	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 800	62.9	89.4	92.9	95.0	96.2	96.4	96.9	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	62.9	89.5	93.1	95.3	96.7	97.0	97.5	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	62.9	89.6	93.4	95.6	97.1	97.5	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 500	62.9	89.7	93.5	95.9	97.5	97.9	98.5	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	62.9	89.7	93.6	96.0	97.6	98.0	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	62.9	89.7	93.6	96.0	97.6	98.0	98.7	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	62.9	89.7	93.6	96.0	97.6	98.0	98.7	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	62.9	89.7	93.6	96.0	97.6	98.0	98.7	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
0	62.9	89.7	93.6	96.0	97.6	98.0	98.7	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2235

USAF ETAC FORM JUL 64 0-11-C (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING, FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.5	43.3	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	46.9	53.8	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	47.2	54.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	47.4	54.4	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	48.8	56.5	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	50.1	58.3	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	52.0	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	52.9	62.1	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	54.3	64.1	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	55.5	65.8	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	56.4	67.4	68.0	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	58.2	69.8	70.5	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	59.5	71.5	72.3	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	62.4	75.5	76.4	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	64.8	78.6	79.6	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	67.9	83.1	84.3	84.7	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	70.0	86.5	87.7	88.2	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	71.5	89.7	91.1	91.7	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	71.7	90.2	91.8	92.5	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	72.1	91.3	93.0	93.9	94.5	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	72.2	92.0	94.0	94.9	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	72.3	92.7	94.7	95.9	96.7	96.8	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	72.3	92.8	94.9	96.1	97.0	97.0	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	72.3	93.1	95.3	96.7	97.6	97.7	98.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
> 700	72.3	93.3	95.6	97.1	98.1	98.2	98.5	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	72.4	93.3	95.7	97.1	98.3	98.3	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	72.4	93.4	95.8	97.2	98.5	98.6	98.9	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	72.4	93.4	95.8	97.2	98.5	98.6	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	72.4	93.4	95.8	97.2	98.5	98.6	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	72.4	93.4	95.8	97.2	98.5	98.6	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	72.4	93.4	95.8	97.2	98.5	98.6	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	72.4	93.4	95.8	97.2	98.5	98.6	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3235

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.2	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	51.0	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	51.5	58.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	51.8	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	53.2	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	54.6	62.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	57.0	65.9	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	57.5	66.5	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	59.6	69.4	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	61.0	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	62.4	73.5	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	64.9	77.0	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	65.8	78.4	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	67.8	81.6	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	69.4	83.8	84.8	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	71.1	86.8	87.9	88.5	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	72.5	89.3	90.7	91.3	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 2000	73.4	91.1	92.8	93.7	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 1800	73.5	91.4	93.1	94.1	94.5	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	73.7	92.0	94.0	95.0	95.6	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	73.8	92.6	94.6	95.8	96.6	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	73.8	92.8	95.1	96.4	97.3	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 900	73.8	93.0	95.2	96.7	97.7	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	73.8	93.1	95.5	97.0	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	73.8	93.1	95.6	97.0	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	73.8	93.2	95.6	97.1	98.3	98.7	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	73.8	93.2	95.8	97.2	98.7	99.0	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	73.8	93.2	95.8	97.2	98.7	99.0	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	73.8	93.2	95.8	97.2	98.7	99.0	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	73.8	93.2	95.8	97.2	98.7	99.0	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	73.8	93.2	95.8	97.2	98.7	99.0	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	73.8	93.2	95.8	97.2	98.7	99.0	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3236

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	42.6	52.3	53.1	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	50.2	62.6	63.7	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	50.6	63.1	64.2	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	50.9	63.5	64.7	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	52.2	65.3	66.6	67.0	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	53.4	67.5	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	55.1	70.0	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	55.7	70.8	72.2	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	57.7	73.8	75.4	76.0	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	58.7	75.5	77.1	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	60.1	77.6	79.2	80.1	80.5	80.5	80.5	80.5	80.5	80.	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	61.6	80.4	82.2	83.2	83.7	83.7	83.8	83.8	83.8	8	3.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	62.1	81.6	83.5	84.4	84.9	84.9	85.0	85.1	85.1	85.	5.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	63.0	83.5	85.5	86.6	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	63.8	84.9	87.0	88.2	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	64.5	86.6	88.9	90.2	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	64.8	87.8	90.4	91.9	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	65.2	88.8	91.5	93.4	94.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	65.3	89.1	91.9	93.8	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	65.4	89.6	92.8	95.0	95.9	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	65.4	89.9	93.1	95.4	96.4	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	65.5	90.0	93.3	95.8	97.0	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	65.5	90.1	93.5	96.1	97.3	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	65.5	90.2	93.6	96.3	97.6	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	65.5	90.3	93.8	96.5	97.9	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	65.5	90.4	93.8	96.5	98.0	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	65.5	90.4	93.9	96.6	98.2	98.6	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	65.5	90.4	94.0	96.7	98.2	98.7	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	65.5	90.4	94.0	96.7	98.2	98.7	99.2	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.5	90.4	94.0	96.7	98.2	98.7	99.2	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	65.5	90.4	94.0	96.7	98.2	98.7	99.2	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	65.6	90.4	94.0	96.7	98.3	98.7	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3238

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.7	59.8	61.4	62.2	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	47.4	65.4	67.1	68.2	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 18000	47.7	65.7	67.4	68.4	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	47.9	66.0	67.7	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 14000	48.6	67.6	69.4	70.4	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 12000	49.6	69.1	71.0	72.1	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	51.1	71.9	73.9	75.0	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	51.8	72.7	74.7	75.8	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 8000	53.2	75.1	77.4	78.5	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
≥ 7000	53.9	76.9	79.2	80.3	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	54.5	78.4	80.8	82.1	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	82.0
≥ 5000	55.5	80.6	83.2	84.5	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 4500	56.0	81.4	84.1	85.4	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 4000	56.6	82.7	85.6	87.0	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	57.2	84.0	86.9	88.4	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.3
≥ 3000	57.7	85.4	88.5	90.1	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 2500	57.9	86.1	89.4	91.3	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 2000	58.1	87.1	90.7	92.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1800	58.2	87.4	91.0	93.2	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	58.2	88.0	91.8	94.1	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1200	58.4	88.5	92.3	94.8	96.0	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 1000	58.4	88.8	92.8	95.4	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900	58.5	89.1	93.1	95.8	97.3	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	58.6	89.2	93.2	96.1	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 700	58.6	89.3	93.4	96.4	98.1	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	58.6	89.4	93.6	96.6	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	58.6	89.5	93.7	96.8	98.6	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	58.6	89.5	93.8	96.8	98.6	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	58.6	89.5	93.8	96.8	98.6	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	58.6	89.5	93.8	96.8	98.6	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	58.6	89.5	93.8	96.8	98.6	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
0	58.6	89.5	93.8	96.8	98.6	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.7	63.5	65.4	67.2	67.8	67.8	68.1	68.2	68.2	68.4	68.5	68.5	68.7	68.7	68.7	68.7
≥ 20000	43.6	68.2	70.4	72.4	73.1	73.2	73.6	73.7	73.7	73.9	74.0	74.0	74.1	74.1	74.2	74.2
≥ 18000	45.9	68.6	70.8	72.8	73.5	73.6	74.0	74.0	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.6
≥ 16000	46.2	68.9	71.1	73.1	73.8	73.9	74.3	74.4	74.4	74.5	74.7	74.7	74.8	74.8	74.9	74.9
≥ 14000	46.9	70.3	72.5	74.5	75.2	75.3	75.7	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.3	76.3
≥ 12000	48.5	73.2	75.4	77.3	78.3	78.4	78.9	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.5
≥ 10000	50.4	76.4	78.8	80.9	81.7	81.9	82.3	82.4	82.4	82.6	82.7	82.7	82.9	82.9	82.9	83.0
≥ 9000	51.1	77.4	79.9	82.0	82.8	83.0	83.4	83.5	83.5	83.7	83.8	83.8	84.0	84.0	84.0	84.1
≥ 8000	51.5	78.0	80.6	82.8	83.6	83.7	84.3	84.4	84.4	84.5	84.7	84.7	84.8	84.8	84.9	84.9
≥ 7000	52.0	78.9	81.6	83.8	84.7	84.8	85.4	85.5	85.5	85.6	85.8	85.8	85.9	85.9	86.0	86.0
≥ 6000	52.8	80.1	82.9	85.1	86.0	86.1	86.7	86.8	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.4
≥ 5000	53.6	82.3	85.1	87.4	88.3	88.5	89.1	89.2	89.2	89.4	89.5	89.5	89.7	89.7	89.7	89.8
≥ 4500	53.9	82.9	85.7	88.1	89.1	89.3	89.8	89.9	89.9	90.2	90.3	90.3	90.5	90.5	90.5	90.5
≥ 4000	54.5	84.0	87.0	89.4	90.4	90.6	91.3	91.5	91.5	91.7	91.8	91.8	92.0	92.0	92.1	92.1
≥ 3500	54.9	84.6	87.7	90.1	91.2	91.3	92.0	92.2	92.2	92.4	92.5	92.5	92.7	92.7	92.8	92.8
≥ 3000	55.3	85.6	88.8	91.3	92.3	92.5	93.3	93.4	93.4	93.6	93.8	93.8	94.0	94.0	94.0	94.0
≥ 2500	55.7	86.4	89.7	92.3	93.3	93.5	94.3	94.4	94.4	94.7	94.8	94.8	95.0	95.0	95.1	95.1
≥ 2000	56.1	87.2	90.5	93.1	94.3	94.5	95.4	95.6	95.6	95.8	96.0	96.0	96.2	96.2	96.2	96.2
≥ 1800	56.1	87.3	90.6	93.2	94.4	94.6	95.5	95.7	95.7	96.0	96.1	96.1	96.3	96.3	96.3	96.4
≥ 1500	56.3	87.7	90.9	93.6	94.9	95.1	96.1	96.3	96.3	96.5	96.6	96.6	96.8	96.8	96.9	96.9
≥ 1200	56.5	88.1	91.3	94.1	95.4	95.7	96.6	96.8	96.8	97.1	97.3	97.3	97.4	97.4	97.5	97.5
≥ 1000	56.7	88.6	91.9	94.6	96.1	96.4	97.4	97.5	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.3
≥ 900	56.8	88.8	92.2	94.9	96.4	96.6	97.6	97.8	97.8	98.2	98.4	98.4	98.5	98.5	98.6	98.6
≥ 800	56.8	88.9	92.3	95.1	96.5	96.9	97.9	98.1	98.1	98.5	98.6	98.6	98.8	98.8	98.9	98.9
≥ 700	56.8	89.1	92.4	95.2	96.7	97.0	98.1	98.3	98.3	98.7	98.8	98.8	99.0	99.0	99.1	99.1
≥ 600	56.8	89.1	92.6	95.4	96.9	97.3	98.3	98.5	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.4
≥ 500	56.8	89.2	92.8	95.6	97.1	97.5	98.7	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 400	56.8	89.2	92.8	95.6	97.1	97.5	98.7	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 300	56.8	89.2	92.8	95.6	97.1	97.5	98.7	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 200	56.8	89.2	92.8	95.6	97.1	97.5	98.7	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 100	56.8	89.2	92.8	95.6	97.1	97.5	98.7	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 0	56.8	89.2	92.8	95.6	97.1	97.5	98.7	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3098

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 YEARS JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥0	0
NO CEILING	28.0	49.1	53.6	56.7	58.6	58.8	59.8	60.2	60.3	60.6	60.9	60.9	60.9	61.0	61.1	61.4
≥ 2000K	31.3	54.6	59.5	62.8	65.0	65.4	66.5	66.9	67.2	67.6	67.9	67.9	67.9	68.0	68.1	68.4
≥ 18000	31.6	55.0	59.9	63.3	65.5	65.8	67.0	67.4	67.7	68.1	68.3	68.3	68.4	68.5	68.6	68.9
≥ 16000	31.7	55.3	60.2	63.6	65.8	66.1	67.3	67.7	68.0	68.4	68.7	68.7	68.7	68.9	69.0	69.2
≥ 14000	32.3	56.6	61.6	65.0	67.2	67.6	68.7	69.1	69.4	69.8	70.1	70.1	70.2	70.3	70.4	70.7
≥ 12000	33.5	59.3	64.6	68.1	70.5	70.9	72.0	72.5	72.7	73.2	73.4	73.4	73.5	73.7	73.8	74.1
≥ 10000	35.1	62.8	68.4	72.2	74.6	75.0	76.1	76.6	76.9	77.4	77.6	77.6	77.7	77.9	78.0	78.3
≥ 9000	35.9	63.8	69.5	73.3	75.7	76.1	77.3	77.9	78.1	78.6	78.9	78.9	79.0	79.1	79.2	79.5
≥ 8000	36.2	65.3	71.0	74.9	77.3	77.8	79.1	79.6	79.9	80.3	80.6	80.6	80.7	80.9	81.0	81.3
≥ 7000	37.1	66.8	72.6	76.5	79.1	79.6	81.0	81.5	81.8	82.3	82.6	82.6	82.7	82.9	83.0	83.3
≥ 6000	37.8	68.0	74.0	78.1	80.6	81.2	82.6	83.2	83.4	84.0	84.3	84.3	84.4	84.5	84.7	85.0
≥ 5000	38.4	69.4	75.5	79.7	82.3	82.8	84.3	84.9	85.1	85.7	86.0	86.0	86.1	86.2	86.4	86.7
≥ 4500	38.7	70.1	76.3	80.5	83.2	83.7	85.2	85.8	86.1	86.6	86.9	86.9	87.0	87.2	87.3	87.6
≥ 4000	39.3	71.1	77.4	81.7	84.4	85.0	86.5	87.2	87.5	88.1	88.3	88.3	88.4	88.6	88.7	89.1
≥ 3500	39.7	71.9	78.3	82.7	85.4	86.0	87.5	88.2	88.5	89.1	89.3	89.3	89.4	89.6	89.8	90.1
≥ 3000	40.5	73.0	79.5	84.0	86.8	87.3	89.0	89.7	90.0	90.6	90.9	90.9	91.0	91.2	91.3	91.6
≥ 2500	40.8	73.9	80.6	85.2	88.0	88.6	90.3	91.0	91.3	91.9	92.2	92.2	92.3	92.4	92.6	92.9
≥ 2000	41.0	74.7	81.4	86.1	89.1	89.6	91.5	92.3	92.6	93.2	93.5	93.5	93.6	93.8	94.0	94.3
≥ 1800	41.2	75.0	81.8	86.4	89.4	90.0	91.8	92.6	93.0	93.6	93.9	93.9	94.0	94.2	94.3	94.6
≥ 1500	41.4	75.5	82.4	87.1	90.2	90.7	92.6	93.4	93.7	94.4	94.7	94.7	94.8	95.0	95.1	95.4
≥ 1200	41.6	76.1	83.1	87.8	91.0	91.6	93.5	94.3	94.6	95.2	95.5	95.5	95.7	95.8	96.0	96.3
≥ 1000	41.7	76.6	83.7	88.6	91.9	92.5	94.4	95.2	95.5	96.2	96.5	96.5	96.6	96.8	97.0	97.3
≥ 900	41.7	76.7	83.8	88.7	92.0	92.6	94.5	95.3	95.6	96.4	96.7	96.7	96.9	97.0	97.2	97.5
≥ 800	41.8	76.8	84.0	89.0	92.4	93.0	95.0	95.8	96.1	96.9	97.2	97.2	97.4	97.5	97.7	98.0
≥ 700	41.8	76.9	84.2	89.2	92.6	93.3	95.4	96.2	96.5	97.2	97.6	97.6	97.7	97.9	98.1	98.4
≥ 600	41.8	77.0	84.3	89.4	93.0	93.7	95.8	96.6	97.0	97.7	98.1	98.1	98.2	98.4	98.5	98.9
≥ 500	41.8	77.0	84.3	89.5	93.1	93.8	96.0	96.8	97.2	97.9	98.3	98.3	98.4	98.6	98.7	99.1
≥ 400	41.8	77.0	84.3	89.7	93.3	94.1	96.3	97.1	97.4	98.2	98.6	98.6	98.8	98.9	99.1	99.5
≥ 300	41.8	77.0	84.3	89.7	93.3	94.1	96.3	97.1	97.4	98.2	98.6	98.6	98.9	99.1	99.2	99.6
≥ 200	41.8	77.0	84.3	89.7	93.3	94.1	96.3	97.1	97.4	98.2	98.7	98.7	99.0	99.1	99.3	99.6
≥ 100	41.8	77.0	84.3	89.7	93.3	94.1	96.3	97.1	97.4	98.2	98.7	98.7	99.0	99.1	99.3	99.7
0	41.8	77.0	84.3	89.7	93.3	94.1	96.4	97.2	97.5	98.3	98.7	98.7	99.0	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3098

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	26.4	47.6	51.3	53.4	54.7	54.9	55.3	55.6	55.7	55.8	55.8	55.8	55.9	55.9	55.9	56.0
≥ 20000	31.0	55.3	59.6	62.1	63.8	64.1	64.5	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 18000	31.2	55.6	60.0	62.5	64.2	64.5	64.9	65.2	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.7
≥ 16000	31.4	56.1	60.5	63.1	64.8	65.1	65.6	65.9	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4
≥ 14000	32.0	57.4	61.9	64.5	66.3	66.6	67.0	67.3	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.9
≥ 12000	33.4	60.1	64.8	67.5	69.4	69.7	70.2	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1
≥ 10000	35.5	64.0	69.0	71.7	73.8	74.2	74.7	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.7
≥ 9000	35.8	64.7	69.8	72.6	74.7	75.1	75.6	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.6	76.6
≥ 8000	36.8	66.5	71.6	74.5	76.7	77.0	77.6	78.1	78.3	78.4	78.4	78.5	78.5	78.6	78.6	78.7
≥ 7000	37.6	68.2	73.5	76.5	78.6	78.9	79.5	80.0	80.2	80.4	80.4	80.5	80.5	80.6	80.6	80.7
≥ 6000	38.3	69.6	75.0	78.1	80.3	80.7	81.2	81.8	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.4
≥ 5000	38.9	71.0	76.6	79.8	82.1	82.4	83.0	83.5	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.2
≥ 4500	39.2	71.3	77.0	80.2	82.5	82.9	83.5	84.1	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.7
≥ 4000	40.1	73.0	78.7	82.1	84.5	84.9	85.5	86.1	86.3	86.5	86.5	86.5	86.6	86.7	86.7	86.8
≥ 3500	40.3	73.5	79.4	82.8	85.3	85.6	86.3	86.9	87.0	87.3	87.3	87.3	87.4	87.5	87.5	87.6
≥ 3000	41.0	74.7	80.7	84.2	86.7	87.2	87.8	88.5	88.6	88.9	88.9	88.9	89.0	89.1	89.1	89.2
≥ 2500	41.6	75.7	81.8	85.5	88.2	88.7	89.4	90.0	90.2	90.5	90.6	90.6	90.7	90.7	90.8	90.8
≥ 2000	42.3	77.1	83.3	87.2	90.0	90.5	91.2	91.9	92.1	92.4	92.4	92.5	92.6	92.6	92.6	92.7
≥ 1800	42.4	77.4	83.6	87.5	90.4	90.9	91.6	92.3	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 1500	42.7	78.2	84.4	88.5	91.4	91.9	92.7	93.4	93.6	93.9	93.9	94.0	94.0	94.1	94.1	94.2
≥ 1200	43.0	79.1	85.5	89.6	92.5	93.0	93.9	94.6	94.8	95.1	95.2	95.2	95.3	95.3	95.4	95.5
≥ 1000	43.1	79.6	86.1	90.2	93.2	93.7	94.6	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3
≥ 900	43.2	80.0	86.5	90.6	93.7	94.2	95.2	96.0	96.2	96.6	96.6	96.7	96.8	96.8	96.9	97.0
≥ 800	43.2	80.2	86.7	91.1	94.3	94.9	95.9	96.7	96.9	97.3	97.3	97.4	97.5	97.5	97.6	97.7
≥ 700	43.2	80.3	86.9	91.4	94.8	95.4	96.4	97.3	97.4	97.8	97.9	97.9	98.1	98.1	98.2	98.3
≥ 600	43.2	80.4	87.0	91.5	95.1	95.7	96.7	97.6	97.8	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 500	43.2	80.5	87.2	91.7	95.2	95.9	97.0	98.0	98.3	98.8	98.9	99.0	99.2	99.2	99.3	99.4
≥ 400	43.2	80.5	87.2	91.7	95.2	96.0	97.1	98.1	98.3	99.0	99.1	99.1	99.4	99.4	99.5	99.5
≥ 300	43.2	80.5	87.2	91.8	95.3	96.1	97.2	98.2	98.4	99.1	99.4	99.4	99.6	99.7	99.7	99.8
≥ 200	43.2	80.5	87.2	91.8	95.3	96.1	97.2	98.2	98.4	99.1	99.4	99.4	99.7	99.7	99.8	99.9
≥ 100	43.2	80.5	87.2	91.8	95.3	96.1	97.2	98.2	98.4	99.1	99.4	99.4	99.7	99.7	99.8	99.9
0	43.2	80.5	87.2	91.8	95.3	96.1	97.2	98.2	98.4	99.1	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3092

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEIL	38.2	52.0	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	46.0	62.2	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	46.1	62.3	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	46.4	62.9	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	47.3	64.3	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	49.4	67.3	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	51.2	70.1	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	51.5	70.6	71.9	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	52.9	72.3	73.6	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	53.7	73.9	75.2	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	54.4	75.1	76.5	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	55.8	77.1	78.6	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	56.6	78.0	79.5	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	58.4	80.4	82.0	82.5	82.6	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	59.2	81.5	83.2	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	61.0	83.9	85.8	86.4	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	62.8	86.5	88.4	89.3	89.8	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	64.0	88.9	91.0	92.0	92.5	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	64.5	89.6	91.7	92.7	93.3	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	65.2	90.9	93.1	94.3	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	65.5	91.9	94.1	95.6	96.3	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	65.6	92.7	95.1	96.6	97.5	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	65.6	92.7	95.2	96.7	97.6	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	65.6	92.9	95.4	97.0	97.8	98.1	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	65.6	93.1	95.6	97.2	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	65.6	93.2	95.8	97.4	98.3	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	65.6	93.3	95.9	97.6	98.5	98.8	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	65.6	93.3	95.9	97.6	98.5	98.9	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	65.6	93.3	95.9	97.6	98.5	98.9	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	65.6	93.3	95.9	97.6	98.5	98.9	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.6	93.3	95.9	97.6	98.5	98.9	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	65.6	93.3	95.9	97.6	98.5	98.9	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3103

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.7	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	48.0	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	48.3	57.2	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	48.8	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 14000	50.1	59.4	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	52.0	62.0	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	54.3	64.7	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	54.5	65.1	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	55.7	66.6	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	56.5	67.5	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	57.5	68.8	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 5000	60.3	72.2	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	61.8	74.0	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	65.7	78.8	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 3500	68.5	82.4	83.4	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	72.7	87.5	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 2500	74.7	90.4	91.8	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 2000	75.8	92.8	94.3	94.8	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1700	76.0	93.2	94.6	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 1500	76.3	94.2	95.8	96.3	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1200	76.6	94.7	96.5	97.5	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1000	76.6	95.2	97.0	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 900	76.6	95.2	97.0	98.1	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 800	76.7	95.3	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 700	76.7	95.6	97.4	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 600	76.7	95.6	97.4	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	76.7	95.6	97.4	98.6	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	76.8	95.6	97.5	98.6	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	76.8	95.6	97.5	98.6	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	76.8	95.7	97.5	98.6	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	76.8	95.7	97.5	98.6	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	76.8	95.7	97.5	98.6	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3099

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS L S T)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.5	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	53.9	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	54.1	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	54.6	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	55.9	64.5	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	57.8	67.1	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	60.5	70.3	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	61.0	70.9	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	62.3	72.7	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	63.7	74.6	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	65.0	76.4	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	67.6	79.8	80.5	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	69.3	81.7	82.3	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	72.2	85.5	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 3500	74.1	88.1	89.1	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	76.0	90.9	91.9	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 2500	77.4	93.0	94.0	94.3	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	78.5	94.9	96.1	96.5	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	78.5	95.0	96.2	96.7	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	78.8	95.7	96.9	97.5	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	79.0	95.9	97.2	97.9	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	79.2	96.2	97.5	98.3	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	79.2	96.3	97.6	98.4	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	79.3	96.4	97.7	98.6	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	79.3	96.4	97.7	98.6	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	79.3	96.4	97.8	98.7	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3096

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.4	55.4	56.0	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	55.2	67.3	68.2	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	55.3	67.6	68.5	68.7	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	55.7	68.2	69.1	69.3	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	57.0	69.7	70.6	70.8	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	59.4	73.0	74.0	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	62.1	76.8	78.1	78.4	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	62.6	77.4	78.7	79.1	79.4	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	64.0	79.5	80.9	81.2	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	65.6	81.3	82.8	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	66.5	82.6	84.1	84.5	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	67.9	84.7	86.4	86.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	68.8	85.9	87.7	88.0	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	70.2	87.9	89.9	90.3	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	70.5	88.8	90.8	91.2	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	71.8	90.7	92.8	93.3	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 2500	72.5	91.8	94.0	94.6	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	73.0	92.8	95.1	95.8	96.5	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	73.0	92.9	95.2	95.9	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	73.4	93.6	96.0	96.8	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	73.4	93.8	96.2	97.0	97.9	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	73.5	94.0	96.5	97.3	98.3	98.5	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	73.5	94.0	96.6	97.5	98.5	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 800	73.5	94.1	96.6	97.6	98.6	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 700	73.5	94.1	96.6	97.6	98.7	98.9	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	73.5	94.1	96.6	97.7	98.8	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	73.5	94.1	96.6	97.7	98.8	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	73.5	94.1	96.6	97.7	98.8	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	73.5	94.1	96.6	97.7	98.8	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	73.6	94.1	96.7	97.7	98.9	99.1	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	73.6	94.1	96.7	97.7	98.9	99.1	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	73.6	94.1	96.7	97.7	98.9	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3104

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.7	66.3	67.5	68.6	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	53.9	71.8	73.2	74.5	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 18000	54.1	72.1	73.5	74.7	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	54.3	72.2	73.6	74.8	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 14000	55.1	73.3	74.7	76.1	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 12000	56.6	76.0	77.4	78.8	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	58.4	78.9	80.5	81.8	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	58.9	79.7	81.3	82.7	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 8000	59.8	81.3	83.1	84.5	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	60.8	82.5	84.4	85.8	86.6	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	61.3	83.4	85.4	86.8	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 5000	62.4	85.8	87.8	89.3	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 4500	63.1	86.9	89.0	90.5	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	63.9	88.0	90.2	91.6	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 3500	64.2	88.8	91.0	92.5	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	64.7	89.6	91.8	93.3	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	65.2	90.5	92.7	94.3	95.4	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	65.6	91.3	93.5	95.1	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	65.6	91.4	93.6	95.2	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	65.8	91.7	94.0	95.8	96.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1200	65.9	92.1	94.4	96.2	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1000	66.1	92.4	94.8	96.7	98.0	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	66.1	92.5	94.9	96.8	98.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	66.1	92.6	95.1	97.1	98.5	98.5	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	66.1	92.6	95.1	97.2	98.6	98.6	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	66.1	92.7	95.2	97.3	98.6	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	66.1	92.7	95.3	97.4	98.7	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	66.1	92.7	95.3	97.4	98.7	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	66.1	92.7	95.3	97.4	98.7	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	66.2	92.8	95.3	97.4	98.8	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.2	92.8	95.3	97.4	98.8	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.2	92.8	95.3	97.4	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3101

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) [illegible] 48-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0 16	≥0 8	≥0
NO CEILING	44.1	66.0	70.4	72.7	73.7	73.8	74.2	74.4	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.0
≥ 20000	46.9	70.3	74.9	77.3	78.3	78.4	78.9	79.1	79.1	79.3	79.5	79.4	79.5	79.5	79.6	79.6
≥ 18000	47.2	70.7	75.3	77.7	78.7	78.8	79.3	79.5	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.1
≥ 16000	47.4	71.0	75.6	78.0	79.0	79.2	79.6	79.8	79.8	80.0	80.1	80.1	80.2	80.2	80.3	80.4
≥ 14000	47.9	71.9	76.5	78.9	80.0	80.1	80.6	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.3	81.3
≥ 12000	49.7	75.0	79.8	82.3	83.4	83.5	84.0	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.7	84.8
≥ 10000	50.9	77.6	82.6	85.3	86.5	86.7	87.2	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.9	88.0
≥ 9000	51.2	78.0	83.0	85.9	87.1	87.3	87.8	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.6
≥ 8000	51.9	79.6	84.7	87.7	88.9	89.1	89.7	89.9	89.9	90.2	90.3	90.3	90.3	90.4	90.4	90.5
≥ 7000	52.2	80.3	85.5	88.5	89.7	89.9	90.5	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.3	91.3
≥ 6000	52.9	81.2	86.5	89.5	90.8	91.0	91.6	91.8	91.8	92.1	92.1	92.1	92.2	92.3	92.3	92.4
≥ 5000	53.6	82.7	88.1	91.2	92.6	92.8	93.4	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.2	94.2
≥ 4500	53.7	83.2	88.6	91.7	93.1	93.3	93.9	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.8
≥ 4000	54.1	84.1	89.5	92.7	94.2	94.4	95.1	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.9	95.9
≥ 3500	54.3	84.5	90.1	93.3	95.0	95.2	95.9	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.7	96.7
≥ 3000	54.4	85.0	90.6	[illegible].8	95.6	95.8	96.5	96.8	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.4
≥ 2500	54.4	85.2	90.8	94.0	95.9	96.1	96.8	97.1	97.1	97.3	97.4	97.4	97.5	97.6	97.6	97.7
≥ 2000	54.6	85.6	91.3	94.7	96.6	96.8	97.4	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.4
≥ 1800	54.6	85.6	91.4	94.7	96.6	96.8	97.5	97.8	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥ 1500	54.6	85.8	91.5	95.0	96.8	97.1	97.7	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.7
≥ 1200	54.7	85.9	91.7	95.2	97.1	97.3	98.0	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9
≥ 1000	54.7	86.0	91.8	95.3	97.3	97.6	98.3	98.6	98.6	99.0	99.1	99.1	99.2	99.3	99.3	99.4
≥ 900	54.7	86.0	91.8	95.4	97.4	97.6	98.4	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 800	54.7	86.1	91.9	95.4	97.4	97.6	98.5	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 700	54.7	86.1	91.9	95.4	97.4	97.6	98.5	98.8	98.8	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 600	54.7	86.1	91.9	95.4	97.4	97.6	98.5	98.8	98.8	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥ 500	54.7	86.1	91.9	95.5	97.5	97.7	98.5	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 400	54.7	86.1	91.9	95.5	97.5	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 300	54.7	86.1	91.9	95.5	97.5	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 200	54.7	86.1	91.9	95.5	97.5	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 100	54.7	86.1	91.9	95.5	97.5	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	54.7	86.1	91.9	95.5	97.5	97.8	98.6	99.0	99.0	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3233

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.3	50.5	55.9	59.5	62.0	62.7	64.1	64.9	65.0	65.9	66.2	66.2	66.5	66.5	66.7	67.1
≥ 20000	32.2	55.9	61.9	66.0	68.7	69.5	70.9	71.8	71.8	72.9	73.2	73.2	73.5	73.6	73.7	74.2
≥ 18000	32.3	56.1	62.2	66.2	68.9	69.8	71.2	72.0	72.1	73.2	73.5	73.5	73.7	73.8	74.0	74.5
≥ 16000	32.4	56.5	62.5	66.5	69.3	70.1	71.5	72.4	72.4	73.5	73.8	73.8	74.1	74.1	74.3	74.8
≥ 14000	33.1	57.8	64.0	68.2	71.0	71.8	73.3	74.2	74.2	75.4	75.6	75.6	75.9	76.0	76.2	76.7
≥ 12000	34.1	60.9	67.5	71.7	74.8	75.6	77.1	78.0	78.0	79.2	79.5	79.5	79.8	79.8	80.0	80.5
≥ 10000	35.0	63.5	70.2	74.7	77.9	78.8	80.5	81.4	81.4	82.6	82.9	82.9	83.2	83.3	83.5	84.0
≥ 9000	35.5	64.2	71.0	75.6	78.8	79.7	81.4	82.4	82.4	83.6	83.9	83.9	84.2	84.3	84.5	85.0
≥ 8000	36.2	65.9	73.0	77.7	81.0	82.0	83.7	84.7	84.8	86.0	86.2	86.2	86.5	86.6	86.8	87.4
≥ 7000	37.0	67.1	74.3	79.1	82.5	83.5	85.3	86.2	86.3	87.5	87.8	87.8	88.1	88.1	88.3	88.9
≥ 6000	37.5	68.1	75.5	80.4	83.8	84.7	86.5	87.5	87.6	88.7	89.0	89.0	89.3	89.4	89.6	90.2
≥ 5000	38.4	70.0	77.7	82.7	86.2	87.1	89.0	90.0	90.1	91.3	91.6	91.6	91.9	91.9	92.1	92.7
≥ 4500	38.5	70.3	78.0	83.0	86.5	87.4	89.3	90.3	90.4	91.6	91.9	91.9	92.2	92.3	92.5	93.0
≥ 4000	39.1	71.4	79.1	84.2	87.8	88.8	90.8	91.8	91.8	93.1	93.4	93.4	93.7	93.8	94.0	94.6
≥ 3500	39.3	72.0	79.8	84.9	88.7	89.6	91.6	92.5	92.7	94.0	94.3	94.3	94.6	94.7	94.9	95.5
≥ 3000	39.5	72.6	80.5	85.7	89.5	90.5	92.5	93.5	93.6	94.9	95.2	95.2	95.5	95.6	95.8	96.4
≥ 2500	39.6	72.9	80.9	86.1	89.9	90.9	92.9	93.9	94.0	95.3	95.6	95.6	95.9	96.0	96.2	96.8
≥ 2000	39.7	73.0	81.0	86.3	90.3	91.2	93.3	94.4	94.5	95.8	96.1	96.1	96.4	96.4	96.7	97.2
≥ 1800	39.7	73.0	81.1	86.4	90.3	91.3	93.4	94.5	94.6	95.9	96.2	96.2	96.5	96.6	96.8	97.4
≥ 1600	39.8	73.3	81.4	86.7	90.7	91.7	93.8	94.9	95.0	96.3	96.6	96.6	96.9	97.0	97.2	97.8
≥ 1400	39.8	73.5	81.5	86.9	90.9	91.9	94.1	95.2	95.3	96.7	97.0	97.0	97.3	97.4	97.6	98.2
≥ 1200	39.9	73.5	81.6	87.1	91.3	92.4	94.6	95.7	95.8	97.2	97.6	97.6	97.9	98.0	98.2	98.8
≥ 1000	39.9	73.6	81.7	87.2	91.4	92.5	94.7	95.8	95.9	97.4	97.7	97.7	98.0	98.1	98.4	98.9
≥ 900	39.9	73.6	81.7	87.3	91.5	92.5	94.9	96.0	96.1	97.6	97.9	97.9	98.2	98.3	98.5	99.1
≥ 800	39.9	73.6	81.8	87.3	91.6	92.6	94.9	96.1	96.2	97.6	98.0	98.0	98.3	98.4	98.6	99.2
≥ 700	39.9	73.7	81.8	87.4	91.7	92.7	95.0	96.1	96.2	97.7	98.1	98.1	98.4	98.5	98.7	99.3
≥ 600	39.9	73.7	81.9	87.4	91.8	92.8	95.2	96.4	96.4	97.9	98.3	98.3	98.6	98.7	98.9	99.5
≥ 500	39.9	73.7	81.9	87.4	91.8	92.9	95.2	96.4	96.5	98.0	98.4	98.4	98.7	98.8	99.0	99.6
≥ 400	39.9	73.7	81.9	87.5	91.8	92.9	95.3	96.4	96.5	98.0	98.4	98.4	98.7	98.8	99.0	99.6
≥ 300	39.9	73.7	82.0	87.5	91.9	92.9	95.3	96.4	96.5	98.1	98.5	98.5	98.8	98.9	99.1	99.8
≥ 200	39.9	73.7	82.0	87.5	91.9	92.9	95.3	96.5	96.6	98.2	98.5	98.5	98.9	99.0	99.2	99.9
≥ 100	39.9	73.7	82.0	87.5	91.9	92.9	95.3	96.5	96.6	98.3	98.5	98.5	98.9	99.0	99.3	99.9
0	39.9	73.7	82.0	87.5	91.9	92.9	95.3	96.5	96.6	98.3	98.5	98.5	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3202 S[illegible] ISLAND, CHARLESTON 38-72 YEARS JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00Z-24Z

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	23.5	45.0	49.9	53.0	55.4	55.8	56.8	57.4	57.5	57.9	58.1	58.2	58.2	58.2	58.3	58.3
≥ 20000	28.2	52.6	58.3	61.8	64.6	65.3	66.4	67.1	67.3	67.8	68.0	68.0	68.0	68.0	68.1	68.2
≥ 18000	28.3	52.9	58.7	62.2	64.9	65.6	66.8	67.4	67.7	68.1	68.3	68.3	68.3	68.3	68.4	68.6
≥ 16000	28.4	53.2	59.0	62.5	65.3	66.0	67.1	67.8	68.0	68.5	68.7	68.7	68.7	68.7	68.8	68.9
≥ 14000	29.0	54.7	60.8	64.5	67.4	68.1	69.3	69.9	70.2	70.7	70.8	70.9	70.9	70.9	71.0	71.1
≥ 12000	30.5	58.6	65.2	69.1	72.1	72.8	74.1	74.8	75.1	75.6	75.8	75.8	75.8	75.9	75.9	76.0
≥ 10000	31.8	61.8	68.7	72.8	75.9	76.7	78.0	78.8	79.0	79.5	79.7	79.7	79.7	79.7	79.8	80.0
≥ 9000	32.6	62.3	69.9	74.1	77.2	78.0	79.4	80.1	80.4	80.9	81.1	81.1	81.1	81.1	81.2	81.3
≥ 8000	33.2	64.7	72.1	76.5	80.0	80.8	82.2	83.0	83.2	83.7	83.9	84.0	84.0	84.0	84.0	84.2
≥ 7000	34.1	66.4	73.9	78.5	81.9	82.7	84.2	85.0	85.2	85.7	85.9	86.0	86.0	86.0	86.1	86.2
≥ 6000	34.6	67.5	75.3	80.0	83.5	84.4	85.8	86.6	86.9	87.4	87.6	87.6	87.6	87.6	87.7	87.8
≥ 5000	35.1	68.6	76.7	81.4	85.1	85.9	87.4	88.3	88.6	89.1	89.3	89.4	89.4	89.4	89.5	89.6
≥ 4500	35.3	68.9	77.0	81.8	85.6	86.4	87.9	88.8	89.1	89.7	89.9	89.9	89.9	89.9	90.0	90.1
≥ 4000	35.7	69.9	78.1	83.0	86.8	87.6	89.3	90.2	90.4	91.0	91.2	91.2	91.2	91.2	91.4	91.5
≥ 3500	35.9	70.2	78.5	83.4	87.2	88.0	89.7	90.7	90.9	91.6	91.7	91.8	91.8	91.8	91.9	92.1
≥ 3000	36.2	71.2	79.7	84.7	88.5	89.3	91.1	92.1	92.3	93.0	93.2	93.2	93.3	93.3	93.4	93.5
≥ 2500	36.5	71.6	80.1	85.2	89.0	89.9	91.7	92.7	92.9	93.6	93.8	93.8	93.9	93.9	94.0	94.1
≥ 2000	36.7	72.2	81.0	86.1	90.0	90.9	92.7	93.8	94.0	94.7	95.0	95.0	95.0	95.0	95.1	95.3
≥ 1800	36.8	72.3	81.0	86.2	90.1	91.0	92.9	93.9	94.2	94.9	95.1	95.1	95.2	95.2	95.3	95.4
≥ 1500	36.9	72.7	81.4	86.6	90.7	91.6	93.6	94.7	95.0	95.7	96.0	96.0	96.1	96.1	96.2	96.3
≥ 1200	37.1	73.1	81.8	87.1	91.2	92.2	94.2	95.4	95.7	96.4	96.7	96.8	96.8	96.8	96.9	97.1
≥ 1000	37.1	73.3	82.2	87.6	91.9	92.9	95.0	96.2	96.4	97.2	97.6	97.6	97.7	97.7	97.8	97.9
≥ 900	37.1	73.4	82.4	87.8	92.1	93.1	95.3	96.5	96.8	97.6	97.9	97.9	98.0	98.0	98.1	98.2
≥ 800	37.1	73.5	82.4	87.9	92.2	93.3	95.5	96.8	97.0	97.9	98.2	98.2	98.3	98.3	98.5	98.6
≥ 700	37.1	73.6	82.5	88.0	92.4	93.4	95.7	97.0	97.2	98.1	98.4	98.4	98.5	98.5	98.7	98.8
≥ 600	37.1	73.6	82.6	88.1	92.5	93.6	95.9	97.2	97.5	98.3	98.6	98.7	98.8	98.8	98.9	99.1
≥ 500	37.1	73.7	82.7	88.2	92.7	93.8	96.1	97.4	97.7	98.6	99.0	99.0	99.1	99.1	99.3	99.4
≥ 400	37.1	73.7	82.7	88.3	92.7	93.8	96.2	97.5	97.8	98.7	99.1	99.1	99.2	99.2	99.4	99.5
≥ 300	37.1	73.7	82.7	88.3	92.7	93.8	96.2	97.5	97.8	98.7	99.1	99.2	99.4	99.4	99.5	99.7
≥ 200	37.1	73.7	82.7	88.3	92.7	93.8	96.2	97.5	97.8	98.7	99.2	99.3	99.5	99.5	99.7	99.8
≥ 100	37.1	73.7	82.7	88.3	92.7	93.8	96.2	97.5	97.8	98.7	99.2	99.3	99.5	99.5	99.7	99.9
0	37.1	73.7	82.7	88.3	92.7	93.8	96.2	97.5	97.8	98.7	99.2	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

1 APR 46 TO [illegible] 38-72 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
OF HOURLY OBSERVATIONS, 0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES														
	>10					≥1½	≥1¼	≥1	⅞	≥¾	⅝	≥⅝	½	≥⅜	≥0
NO CEILING	93.6	93.8	[illegible]			55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	44.3	63.8	65.[illegible]			66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	44.5	64.2	66.1	66.[illegible]	67.[illegible]	[illegible]	[illegible]	67.0	[illegible]	[illegible]	67.0	67.0	67.0	67.0	67.0
≥ 16000	44.7	64.5	66.5	66.9	67.4	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.4	67.4	67.4	67.4
≥ 14000	45.8	66.5	68.6	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	[illegible]	[illegible]	[illegible]	69.5	69.5	69.5
≥ 12000	47.7	70.1	72.2	73.[illegible]	[illegible]	73.5	73.[illegible]	[illegible]	73.6	73.[illegible]	[illegible]	[illegible]	73.6	73.6	73.6
≥ 10000	49.5	73.3	75.7	76.[illegible]	[illegible]	77.0	77.0	77.1	77.1	77.1	[illegible]	[illegible]	[illegible]	77.1	77.1
≥ 9000	49.9	74.0	76.5	77.[illegible]	[illegible]	77.8	77.8	77.9	77.9	77.9	77.9	[illegible]	[illegible]	77.9	77.9
≥ 8000	50.8	75.9	78.5	79.4	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.[illegible]	[illegible]	[illegible]	80.1
≥ 7000	51.5	77.2	79.9	80.[illegible]	81.4	81.4	81.5	81.6	81.6	81.6	81.[illegible]	[illegible]	[illegible]	[illegible]	81.6
≥ 6000	52.1	78.2	81.2	82.1	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.[illegible]	82.[illegible]	82.9
≥ 5000	53.0	80.0	83.0	84.1	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	53.5	80.6	83.6	84.6	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	54.5	82.2	85.5	86.6	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	55.3	83.3	86.7	88.0	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	56.4	85.1	88.4	89.9	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	57.1	86.5	89.9	91.4	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	58.2	88.4	92.1	93.6	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	58.3	88.9	92.6	94.1	95.2	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	58.3	89.7	93.4	95.0	96.2	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	58.8	90.4	94.1	95.7	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	58.9	90.7	94.5	96.1	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	59.0	91.1	94.9	96.6	97.9	98.1	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 800	59.0	91.1	95.0	96.7	98.1	98.3	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 700	59.0	91.2	95.0	96.8	98.2	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	59.0	91.3	95.1	96.9	98.4	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	59.0	91.3	95.2	97.0	98.5	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	59.0	91.3	95.2	97.0	98.5	98.7	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	59.0	91.3	95.2	97.0	98.5	98.7	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	59.0	91.3	95.2	97.0	98.5	98.7	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	59.0	91.3	95.2	97.0	98.5	98.7	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
0	59.0	91.3	95.2	97.0	98.5	98.7	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3231

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 28-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR, LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.5	49.1	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	49.8	62.2	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	50.3	62.7	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	50.7	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	51.9	65.1	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	54.3	68.3	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	56.9	72.5	73.3	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	57.1	73.1	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	57.7	74.2	75.1	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	57.9	74.7	75.7	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	59.0	76.2	77.4	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	60.7	79.0	80.3	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	62.1	81.0	82.3	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	64.7	84.6	86.3	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	66.8	87.5	89.2	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	69.0	90.6	92.4	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	69.9	92.3	94.4	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	70.9	94.4	96.6	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	71.0	94.7	96.9	97.8	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	71.1	95.1	97.3	98.3	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	71.2	95.3	97.6	98.5	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	71.3	95.4	97.7	98.7	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	71.3	95.5	97.8	98.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	71.3	95.5	97.8	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	71.3	95.5	97.8	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.3	95.5	97.9	99.0	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAF ETAC FORM JUL 64 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.9	55.6	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	57.5	69.0	69.9	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	58.0	69.6	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	58.4	70.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	60.3	72.6	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	62.5	75.8	76.8	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	65.2	79.5	80.6	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	65.8	80.5	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	66.8	82.2	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	67.4	83.2	84.6	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	68.3	84.4	85.8	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	69.4	86.2	87.7	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	70.5	87.8	89.1	89.9	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	72.0	89.8	91.4	92.3	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	73.2	91.8	93.4	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	74.6	93.8	95.5	96.4	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	75.1	94.9	96.6	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	75.5	95.8	97.5	98.4	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	75.5	95.9	97.6	98.5	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	75.5	96.0	97.7	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	75.5	96.1	97.9	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	75.6	96.2	98.0	99.0	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3243

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.5	60.1	61.4	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	55.6	72.0	73.3	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	56.0	72.4	73.7	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	56.4	72.9	74.2	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	57.7	74.8	76.2	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	59.9	78.0	79.5	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	2.4	81.9	83.4	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	3.2	82.8	84.4	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	4.6	85.1	86.5	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	5.3	86.4	88.0	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	65.9	87.5	89.1	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	66.8	89.0	90.7	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	67.4	89.9	91.5	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	68.3	91.7	93.5	94.7	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	68.8	92.5	94.3	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	69.4	93.7	95.6	97.0	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	69.5	94.2	96.1	97.5	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	69.6	94.6	96.7	98.1	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	69.6	94.7	96.7	98.1	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	69.6	94.8	96.8	98.3	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	69.6	94.9	96.9	98.4	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	69.6	94.9	97.0	98.5	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	69.6	94.9	97.0	98.6	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	69.6	94.9	97.0	98.6	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3225

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	49.7	69.2	71.9	73.1	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	53.6	75.1	77.9	79.2	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	53.7	75.3	78.1	79.4	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	54.0	75.7	78.5	79.8	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	54.5	77.0	79.8	81.1	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	56.4	79.8	82.7	84.0	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	57.9	82.4	85.4	86.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	58.5	83.4	86.4	87.8	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	59.3	85.2	88.4	89.9	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	59.9	86.1	89.2	90.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	60.4	87.2	90.3	91.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	60.8	87.8	91.0	92.5	93.6	93.6	93.7	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	61.1	88.3	91.5	93.1	94.3	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	61.5	88.9	92.1	93.7	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	61.9	89.5	92.7	94.3	95.5	95.6	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	62.0	90.2	93.6	95.2	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	62.0	90.5	94.0	95.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	62.4	91.3	94.9	96.6	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	62.6	91.8	95.4	97.1	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	62.6	92.1	95.9	97.6	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	62.6	92.2	95.9	97.7	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	62.6	92.4	96.2	98.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	62.6	92.5	96.3	98.1	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	62.6	92.5	96.3	98.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	62.6	92.5	96.3	98.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	62.6	92.6	96.4	98.2	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	62.6	92.6	96.4	98.2	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	62.6	92.6	96.4	98.2	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	62.6	92.6	96.4	98.2	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	62.6	92.6	96.4	98.2	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	62.6	92.6	96.4	98.2	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	62.6	92.6	96.4	98.2	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.0	65.3	69.5	71.8	73.8	73.9	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 20000	41.0	70.1	74.5	77.0	79.1	79.2	79.7	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.2
< 20000	41.1	70.3	74.7	77.2	79.3	79.4	79.9	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 16000	41.2	70.3	74.8	77.5	79.5	79.7	80.2	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6
< 16000	42.0	72.2	76.7	79.3	81.4	81.5	82.0	82.1	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5
≥ 12000	42.6	74.1	78.8	81.7	83.9	84.0	84.5	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0
< 12000	44.4	77.1	82.1	85.3	87.2	87.4	87.9	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5
≥ 9000	44.5	77.4	82.6	85.8	87.6	87.7	88.3	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.9
< 9000	45.0	78.7	83.7	86.9	88.9	89.2	89.7	89.9	89.9	90.1	90.1	90.1	90.2	90.2	90.3	90.3
≥ 7000	45.6	79.9	84.9	88.1	90.4	90.6	91.3	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8
< 7000	45.7	80.5	85.6	88.8	91.2	91.4	92.1	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.7
≥ 5000	46.2	81.7	87.0	90.1	92.7	92.9	93.6	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2
< 5000	46.3	81.9	87.2	90.4	92.9	93.2	93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.5	94.5
≥ 4500	46.8	82.9	88.4	91.6	94.1	94.4	95.1	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
< 4500	47.0	83.4	88.9	92.1	94.6	94.9	95.7	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 3500	47.1	83.8	89.3	92.6	95.2	95.5	96.3	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.0
< 3500	47.2	84.1	89.7	93.0	95.6	96.0	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.4
≥ 2600	47.4	84.4	90.0	93.3	96.0	96.4	97.2	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
< 2600	47.4	84.6	90.2	93.5	96.1	96.5	97.3	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 1500	47.4	84.7	90.3	93.6	96.2	96.5	97.3	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.2
< 1500	47.4	84.7	90.3	93.7	96.3	96.6	97.4	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.3
≥ 1000	47.6	84.9	90.5	93.9	96.4	97.0	97.9	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7
< 1000	47.6	84.9	90.6	94.0	96.6	97.0	98.0	98.2	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7
≥ 800	47.6	85.0	90.6	94.0	96.7	97.1	98.1	98.3	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8
< 800	47.6	85.0	90.8	94.1	96.8	97.3	98.3	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	47.6	85.0	90.8	94.1	96.8	97.3	98.3	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1
< 600	47.6	85.0	90.8	94.1	96.9	97.4	98.5	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	47.6	85.0	90.8	94.1	96.9	97.4	98.5	98.8	98.8	99.3	99.4	99.4	99.5	99.5	99.6	99.6
< 400	47.6	85.0	90.8	94.1	96.9	97.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.8
≥ 200	47.6	85.0	90.8	94.1	96.9	97.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.8
< 200	47.6	85.0	90.8	94.1	96.9	97.4	98.6	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9
≥ 0	47.6	85.0	90.8	94.1	96.9	97.4	98.6	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS ... 3246

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	25.0	50.4	57.2	60.4	64.6	65.0	67.1	67.9	68.0	69.0	69.1	69.1	69.5	69.5	69.6	69.8
≥ 20000	27.4	54.5	61.7	65.3	69.8	70.2	72.3	73.2	73.3	74.3	74.4	74.4	74.8	74.8	74.9	75.1
≥ 18000	27.4	54.7	62.0	65.6	70.2	70.5	72.7	73.6	73.7	74.6	74.7	74.8	75.2	75.2	75.3	75.5
≥ 16000	27.5	54.9	62.2	65.9	70.4	70.8	73.0	73.8	73.9	74.9	75.0	75.0	75.5	75.5	75.6	75.7
≥ 14000	28.1	56.2	63.5	67.3	71.8	72.2	74.4	75.3	75.4	76.4	76.5	76.5	77.0	77.0	77.1	77.3
≥ 12000	28.9	58.5	66.1	70.0	74.7	75.1	77.4	78.4	78.5	79.5	79.7	79.7	80.2	80.2	80.3	80.5
≥ 10000	30.3	61.1	69.0	72.9	77.8	78.3	80.6	81.6	81.8	82.8	82.9	82.9	83.4	83.4	83.5	83.7
≥ 9000	30.5	61.8	69.8	73.8	78.6	79.2	81.5	82.6	82.7	83.7	83.8	83.8	84.3	84.3	84.4	84.6
≥ 8000	31.0	63.2	71.4	75.5	80.4	80.9	83.4	84.4	84.6	85.6	85.8	85.8	86.3	86.3	86.4	86.6
≥ 7000	31.4	64.2	72.5	76.7	81.7	82.2	84.8	85.8	85.9	87.1	87.2	87.2	87.7	87.7	87.8	88.0
≥ 6000	31.8	65.0	73.4	77.7	82.7	83.4	86.0	87.0	87.1	88.3	88.4	88.4	89.0	89.0	89.1	89.2
≥ 5000	32.1	65.8	74.4	78.7	83.9	84.6	87.3	88.4	88.5	89.7	89.9	89.9	90.4	90.4	90.5	90.7
≥ 4500	32.5	66.4	75.0	79.4	84.7	85.4	88.0	89.1	89.3	90.4	90.6	90.6	91.2	91.2	91.3	91.5
≥ 4000	33.1	67.4	76.3	80.8	86.2	86.9	89.6	90.8	90.9	92.0	92.2	92.2	92.8	92.8	92.9	93.1
≥ 3500	33.2	67.8	76.6	81.1	86.5	87.3	90.1	91.2	91.4	92.5	92.7	92.7	93.2	93.2	93.4	93.6
≥ 3000	33.3	68.5	77.5	82.1	87.6	88.5	91.3	92.5	92.6	93.7	94.0	94.0	94.5	94.5	94.7	94.9
≥ 2500	33.5	68.9	77.9	82.6	88.2	89.1	92.0	93.1	93.2	94.4	94.6	94.7	95.2	95.2	95.3	95.5
≥ 2000	33.7	69.4	78.5	83.4	89.1	90.0	93.0	94.2	94.4	95.5	95.7	95.8	96.3	96.3	96.5	96.6
≥ 1800	33.8	69.5	78.6	83.5	89.2	90.1	93.2	94.4	94.5	95.7	95.9	96.0	96.5	96.5	96.6	96.8
≥ 1500	33.8	69.8	78.9	83.9	89.7	90.6	93.7	94.9	95.0	96.2	96.4	96.5	97.0	97.0	97.1	97.3
≥ 1200	33.8	69.9	79.1	84.1	89.8	90.7	93.8	95.0	95.2	96.3	96.6	96.6	97.2	97.2	97.3	97.5
≥ 1000	33.9	70.0	79.2	84.2	90.0	90.9	94.0	95.3	95.4	96.6	96.9	96.9	97.5	97.5	97.7	97.8
≥ 900	33.9	70.0	79.2	84.2	90.0	90.9	94.0	95.3	95.4	96.6	96.9	96.9	97.5	97.5	97.7	97.8
≥ 800	33.9	70.0	79.2	84.2	90.1	91.0	94.1	95.4	95.6	96.8	97.1	97.1	97.7	97.7	97.8	98.0
≥ 700	33.9	70.0	79.3	84.3	90.2	91.1	94.2	95.5	95.7	96.9	97.2	97.2	97.7	97.7	97.9	98.1
≥ 600	33.9	70.1	79.3	84.4	90.3	91.2	94.4	95.7	95.9	97.2	97.5	97.5	98.1	98.1	98.2	98.4
≥ 500	33.9	70.1	79.4	84.5	90.4	91.3	94.5	95.9	96.0	97.4	97.7	97.7	98.3	98.3	98.5	98.7
≥ 400	33.9	70.1	79.4	84.5	90.4	91.4	94.5	96.0	96.2	97.6	97.8	97.9	98.5	98.5	98.7	98.9
≥ 300	33.9	70.2	79.4	84.6	90.4	91.4	94.6	96.1	96.3	97.7	98.1	98.1	98.7	98.7	98.9	99.2
≥ 200	33.9	70.2	79.5	84.6	90.5	91.5	94.6	96.2	96.4	97.8	98.2	98.2	98.8	98.8	99.0	99.3
≥ 100	33.9	70.2	79.5	84.6	90.5	91.5	94.6	96.2	96.4	97.8	98.3	98.3	99.0	99.0	99.2	99.5
0	33.9	70.2	79.5	84.6	90.5	91.5	94.6	96.2	96.4	97.8	98.3	98.3	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3244

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.8	40.0	47.6	51.9	55.6	56.6	58.2	59.3	59.6	60.5	60.7	60.7	60.9	60.9	61.0	61.1
≥ 20000	20.4	45.4	53.9	58.7	62.7	63.7	65.4	66.5	66.8	67.8	68.1	68.1	68.2	68.2	68.4	68.5
≥ 18000	20.5	45.6	54.1	59.0	63.1	64.1	65.7	66.8	67.1	68.2	68.4	68.4	68.6	68.6	68.8	68.9
≥ 16000	20.6	45.8	54.3	59.2	63.3	64.3	66.0	67.1	67.5	68.5	68.8	68.8	69.0	69.0	69.1	69.2
≥ 14000	21.1	47.0	55.8	60.9	65.0	66.0	67.8	69.0	69.3	70.4	70.7	70.7	70.9	70.9	71.0	71.1
≥ 12000	21.9	49.9	59.3	64.6	69.0	70.0	71.8	73.0	73.4	74.4	74.7	74.7	74.9	74.9	75.1	75.2
≥ 10000	22.6	52.3	62.1	67.6	72.2	73.3	75.2	76.5	76.9	78.1	78.3	78.3	78.5	78.5	78.7	78.8
≥ 9000	22.9	52.9	62.8	68.4	73.0	74.0	76.0	77.3	77.8	78.9	79.2	79.2	79.4	79.4	79.5	79.7
≥ 8000	23.5	55.0	65.3	71.2	76.1	77.2	79.5	80.8	81.3	82.4	82.7	82.7	82.9	82.9	83.0	83.2
≥ 7000	23.7	55.9	66.4	72.4	77.4	78.5	80.9	82.3	82.8	84.0	84.3	84.3	84.5	84.5	84.6	84.8
≥ 6000	24.2	57.0	67.7	73.8	79.0	80.1	82.6	84.1	84.6	85.8	86.1	86.1	86.4	86.4	86.5	86.7
≥ 5000	24.6	58.2	69.1	75.3	80.6	81.8	84.4	85.9	86.4	87.6	88.0	88.0	88.2	88.2	88.3	88.5
≥ 4500	24.9	58.7	69.7	75.9	81.3	82.6	85.3	86.8	87.4	88.6	89.0	89.0	89.3	89.3	89.4	89.5
≥ 4000	25.1	59.6	70.7	77.0	82.5	83.8	86.5	88.0	88.6	89.9	90.3	90.3	90.5	90.5	90.7	90.8
≥ 3500	25.2	60.0	71.2	77.5	83.1	84.5	87.2	88.7	89.4	90.6	91.0	91.0	91.3	91.3	91.4	91.6
≥ 3000	25.3	60.5	71.9	78.2	83.8	85.2	88.1	89.6	90.3	91.5	92.0	92.0	92.2	92.2	92.4	92.5
≥ 2500	25.5	60.9	72.4	78.9	84.6	86.1	88.9	90.5	91.1	92.4	92.8	92.8	93.1	93.1	93.2	93.4
≥ 2000	25.7	61.4	73.1	79.6	85.5	86.9	89.9	91.5	92.1	93.4	93.9	93.9	94.2	94.2	94.3	94.5
≥ 1800	25.7	61.5	73.1	79.7	85.5	87.0	90.0	91.6	92.3	93.6	94.1	94.1	94.3	94.3	94.5	94.6
≥ 1500	25.8	61.6	73.3	80.0	85.9	87.3	90.4	92.0	92.7	94.1	94.6	94.6	94.9	94.9	95.0	95.2
≥ 1200	25.9	61.8	73.6	80.2	86.2	87.7	90.8	92.4	93.0	94.5	95.0	95.0	95.3	95.3	95.4	95.6
≥ 1000	26.0	61.9	73.8	80.5	86.5	88.0	91.1	92.8	93.5	95.0	95.5	95.5	95.9	95.9	96.0	96.1
≥ 900	26.0	62.1	74.0	80.7	86.8	88.4	91.5	93.2	93.9	95.4	96.0	96.0	96.4	96.4	96.5	96.6
≥ 800	26.0	62.3	74.1	81.0	87.2	88.7	91.9	93.6	94.3	95.8	96.4	96.4	96.7	96.7	96.9	97.0
≥ 700	26.0	62.3	74.2	81.2	87.4	89.0	92.2	94.0	94.7	96.4	96.9	96.9	97.3	97.3	97.4	97.6
≥ 600	26.0	62.3	74.4	81.4	87.6	89.3	92.5	94.4	95.1	96.8	97.3	97.3	97.7	97.7	97.8	98.0
≥ 500	26.0	62.5	74.5	81.6	88.0	89.7	93.0	94.9	95.7	97.4	98.0	98.0	98.4	98.4	98.5	98.6
≥ 400	26.0	62.5	74.6	81.7	88.2	90.0	93.3	95.3	96.1	97.8	98.4	98.4	98.8	98.8	99.0	99.1
≥ 300	26.0	62.5	74.6	81.7	88.2	90.0	93.3	95.4	96.2	98.0	98.6	98.6	99.1	99.1	99.3	99.4
≥ 200	26.0	62.5	74.6	81.7	88.2	90.0	93.3	95.4	96.2	98.0	98.7	98.7	99.3	99.3	99.6	99.8
≥ 100	26.0	62.5	74.6	81.7	88.2	90.0	93.3	95.4	96.2	98.0	98.7	98.7	99.3	99.4	99.6	99.9
0	26.0	62.5	74.6	81.7	88.2	90.0	93.3	95.4	96.2	98.0	98.7	98.7	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3244

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.5	55.1	58.9	59.9	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	39.7	62.9	67.1	68.3	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	39.8	63.1	67.5	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	40.0	63.7	68.1	69.3	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	40.4	64.6	69.1	70.3	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	41.8	67.6	72.3	[illegible]	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	42.9	70.0	74.8	76.3	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	43.1	70.5	75.4	76.9	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	43.8	72.5	77.8	79.3	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	44.1	73.4	78.8	80.5	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	44.4	74.2	79.9	81.7	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	45.0	75.4	81.4	83.2	84.3	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	45.3	75.8	81.8	83.6	84.7	85.0	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	46.3	77.5	83.6	85.6	86.7	87.0	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	46.8	78.2	84.3	86.4	87.5	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 3000	47.7	79.6	86.0	88.1	89.3	89.6	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	48.2	81.1	87.6	89.8	91.0	91.3	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	49.0	82.7	89.4	91.6	92.9	93.2	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	49.2	83.1	89.8	92.0	93.3	93.7	94.2	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	49.4	84.1	91.0	93.3	94.8	95.1	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1200	49.6	84.6	91.7	94.2	95.8	96.1	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	49.8	85.0	92.3	94.8	96.4	96.8	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	49.8	85.2	92.5	95.0	96.7	97.1	97.7	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	49.8	85.3	92.9	95.5	97.3	97.6	98.3	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	49.8	85.5	93.0	95.6	97.4	97.8	98.4	98.6	98.7	98.9	[illegible]	98.9	98.9	98.9	99.0	99.0
≥ 600	49.8	85.5	93.0	95.7	97.6	97.9	98.6	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	49.8	85.5	93.0	95.8	97.7	98.0	98.7	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400	49.8	85.6	93.1	95.8	97.8	98.2	98.9	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	49.8	85.7	93.1	95.9	97.8	98.3	99.0	99.2	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	49.8	85.7	93.1	95.9	97.8	98.3	99.0	99.2	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	49.8	85.7	93.1	95.9	97.8	98.3	99.0	99.2	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	49.8	85.7	93.1	95.9	97.8	98.3	99.0	99.2	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3252

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	53.1	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	46.6	62.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	46.9	63.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	47.1	63.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	47.9	64.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	49.5	67.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	50.8	70.1	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	51.0	70.5	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	52.1	72.6	75.0	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	52.5	74.1	76.7	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	53.0	75.0	77.7	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	54.6	77.3	80.3	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	56.0	79.4	82.3	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	58.6	83.0	86.1	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	60.0	85.3	88.6	89.6	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	61.6	88.3	91.5	92.6	92.9	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	62.7	90.4	93.7	94.8	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	63.5	91.7	95.1	96.2	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	63.5	91.9	95.5	96.6	97.0	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	63.8	92.5	96.2	97.4	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	63.9	92.9	96.8	98.0	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	63.9	93.1	96.9	98.2	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	63.9	93.1	97.0	98.3	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	63.9	93.3	97.1	98.4	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	63.9	93.3	97.1	98.5	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	63.9	93.3	97.1	98.5	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	63.9	93.3	97.1	98.5	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	63.9	93.3	97.2	98.5	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	63.9	93.3	97.2	98.5	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	63.9	93.3	97.2	98.5	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	63.9	93.3	97.2	98.5	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	63.9	93.3	97.2	98.5	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1700 (HOURS I.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.2	58.3	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	54.0	69.7	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	54.5	70.6	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	54.7	70.9	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	55.8	73.0	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	57.7	76.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	59.4	79.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	59.8	79.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	60.8	81.6	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	61.1	82.3	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	61.7	83.5	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	62.7	85.7	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	63.2	86.5	89.3	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	64.4	88.3	91.2	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	65.0	89.7	92.8	93.5	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	65.9	91.2	94.5	95.4	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	66.5	92.4	95.8	96.7	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	66.9	93.2	96.7	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	67.0	93.4	96.9	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	67.0	93.6	97.3	98.2	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	67.2	93.9	97.6	98.6	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 1000	67.2	94.0	97.7	98.7	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	67.2	94.1	97.8	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	67.2	94.1	97.8	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	67.2	94.1	97.9	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	67.2	94.1	97.9	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	67.2	94.1	97.9	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	67.2	94.2	97.9	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	67.2	94.2	97.9	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	67.2	94.2	97.9	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	67.2	94.2	97.9	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	67.2	94.2	97.9	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.8	63.0	65.5	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	51.9	71.2	74.2	75.0	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	52.1	71.7	74.8	75.6	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	52.3	72.2	75.3	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	53.6	74.3	77.5	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	55.6	77.9	81.3	82.4	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	57.0	81.0	84.7	85.9	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	57.2	81.5	85.3	86.6	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	57.8	83.0	86.8	88.3	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	58.3	83.9	87.8	89.3	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	58.8	84.8	88.8	90.3	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	59.6	86.4	90.6	92.2	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	59.7	86.7	90.9	92.5	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	60.4	88.1	92.5	94.1	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	60.7	88.7	93.2	94.8	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	61.2	89.6	94.1	95.8	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	61.3	90.0	94.6	96.4	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	61.5	90.4	95.0	96.8	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	61.5	90.6	95.2	97.0	98.0	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	61.5	90.8	95.4	97.4	98.4	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	61.6	91.1	95.7	97.6	98.6	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	61.6	91.2	95.8	97.7	98.7	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	61.6	91.2	95.8	97.8	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	61.6	91.2	95.8	97.8	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.3
≥ 700	61.6	91.2	95.8	97.8	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	61.6	91.2	95.9	97.9	98.9	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	61.6	91.2	95.9	97.9	98.9	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	61.6	91.2	95.9	97.9	98.9	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	61.6	91.2	95.9	97.9	99.0	99.1	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.6	91.2	95.9	97.9	99.0	99.1	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	61.6	91.2	95.9	97.9	99.0	99.1	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	61.6	91.2	95.9	97.9	99.0	99.1	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3251

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥ 0	≥0
NO CEILING	44.5	68.8	72.2	73.8	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	48.0	74.0	77.9	79.6	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 18000	48.4	74.5	78.4	80.1	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	48.4	74.7	78.5	80.2	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	49.3	76.1	80.0	81.9	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	50.3	78.1	82.2	84.4	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	51.6	80.7	84.9	87.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 9000	51.7	81.3	85.5	87.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 8000	52.5	83.0	87.3	89.6	90.6	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	52.9	84.0	88.4	90.7	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	53.2	84.6	89.1	91.5	92.6	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	53.8	85.8	90.6	93.0	94.1	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	53.9	86.1	91.0	93.3	94.5	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	54.5	87.2	92.0	94.4	95.5	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 3500	54.7	87.7	92.5	94.8	96.0	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 3000	54.9	88.3	93.1	95.6	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 2500	55.1	88.6	93.5	96.0	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 2000	55.1	89.0	93.9	96.6	97.8	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	55.1	89.1	94.0	96.6	97.9	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	55.2	89.3	94.2	96.8	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	55.3	89.5	94.5	97.1	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	55.4	89.7	94.6	97.2	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	55.4	89.7	94.6	97.2	98.6	98.8	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	55.4	89.7	94.6	97.3	98.6	98.9	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	55.4	89.7	94.6	97.3	98.6	98.9	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	55.4	89.7	94.6	97.3	98.6	98.9	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	55.4	89.7	94.6	97.3	98.6	98.9	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	55.4	89.7	94.6	97.3	98.7	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	55.4	89.7	94.6	97.3	98.7	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	55.4	89.7	94.6	97.3	98.7	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	55.4	89.7	94.6	97.3	98.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	55.4	89.7	94.6	97.3	98.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3249

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.7	62.2	65.8	67.5	69.0	69.1	69.8	70.0	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.8
≥ 20000	38.4	64.9	68.8	70.8	72.5	72.5	73.2	73.4	73.5	73.8	73.8	73.8	73.9	73.9	73.9	74.2
≥ 18000	38.6	65.2	69.1	71.1	72.7	72.8	73.5	73.7	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.5
≥ 16000	38.9	65.6	69.5	71.5	73.2	73.2	73.9	74.1	74.2	74.5	74.5	74.5	74.6	74.6	74.6	74.9
≥ 14000	39.2	66.2	70.2	72.2	73.9	74.0	74.6	74.8	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.7
≥ 12000	40.2	67.9	71.9	74.1	75.8	75.9	76.6	76.8	76.9	77.2	77.2	77.2	77.3	77.3	77.4	77.6
≥ 10000	41.3	70.0	74.1	76.3	78.1	78.2	78.8	79.0	79.1	79.5	79.5	79.5	79.6	79.6	79.6	79.9
≥ 9000	41.9	71.1	75.1	77.3	79.1	79.2	79.8	80.0	80.1	80.5	80.5	80.5	80.6	80.6	80.6	80.9
≥ 8000	42.5	72.4	76.7	78.9	80.7	80.8	81.5	81.7	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.5
≥ 7000	43.4	73.8	78.1	80.3	82.1	82.3	83.0	83.2	83.2	83.6	83.6	83.6	83.7	83.7	83.7	84.0
≥ 6000	43.8	75.2	79.7	82.2	84.0	84.2	84.9	85.1	85.2	85.5	85.5	85.5	85.6	85.6	85.7	86.0
≥ 5000	44.3	76.4	81.1	83.8	85.6	85.9	86.6	86.8	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.6
≥ 4500	44.4	76.9	81.7	84.5	86.3	86.6	87.3	87.5	87.6	88.0	88.0	88.0	88.1	88.1	88.1	88.4
≥ 4000	44.8	78.1	83.0	85.8	87.6	87.9	88.7	88.9	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.8
≥ 3500	45.0	78.8	83.8	86.6	88.4	88.7	89.5	89.7	89.8	90.2	90.2	90.2	90.3	90.3	90.3	90.6
≥ 3000	45.2	79.2	84.5	87.4	89.2	89.5	90.3	90.5	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.4
≥ 2500	45.3	79.5	84.9	87.8	89.7	90.0	90.8	91.1	91.1	91.5	91.5	91.5	91.6	91.6	91.6	91.9
≥ 2000	45.7	80.4	85.9	88.9	90.9	91.2	92.1	92.4	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.2
≥ 1800	45.8	80.6	86.1	89.1	91.1	91.4	92.4	92.7	92.8	93.2	93.2	93.2	93.2	93.2	93.3	93.6
≥ 1500	46.0	81.2	86.7	89.8	91.9	92.2	93.2	93.6	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.5
≥ 1200	46.2	81.6	87.4	90.7	92.9	93.2	94.3	94.6	94.7	95.1	95.1	95.1	95.2	95.2	95.3	95.5
≥ 1000	46.3	82.3	88.0	91.6	93.8	94.1	95.2	95.6	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.5
≥ 900	46.4	82.4	88.2	91.8	94.0	94.4	95.4	95.8	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.7
≥ 800	46.4	82.6	88.5	92.1	94.5	94.8	96.0	96.3	96.4	96.8	96.8	96.8	96.9	96.9	96.9	97.2
≥ 700	46.4	82.7	88.7	92.4	94.8	95.2	96.3	96.7	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.7
≥ 600	46.4	82.8	88.9	92.7	95.2	95.6	96.8	97.1	97.2	97.6	97.7	97.7	97.9	97.9	97.9	98.2
≥ 500	46.5	82.8	89.1	93.0	95.7	96.1	97.2	97.6	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.7
≥ 400	46.5	82.8	89.1	93.0	95.7	96.1	97.4	97.7	97.8	98.4	98.4	98.4	98.6	98.6	98.7	99.0
≥ 300	46.5	82.8	89.1	93.0	95.8	96.2	97.5	97.8	98.0	98.5	98.6	98.6	98.8	98.8	98.9	99.2
≥ 200	46.5	82.8	89.1	93.0	95.8	96.2	97.5	97.9	98.1	98.7	98.8	98.8	99.0	99.0	99.2	99.7
≥ 100	46.5	82.8	89.1	93.0	95.8	96.2	97.5	97.9	98.1	98.7	98.8	98.8	99.1	99.1	99.3	99.8
≥ 0	46.5	82.8	89.1	93.0	95.8	96.2	97.5	97.9	98.1	98.7	98.8	98.8	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3140

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.4	52.4	57.7	60.8	63.7	64.1	65.3	66.1	66.2	66.8	67.3	67.3	67.6	67.7	67.9	68.2
≥ 20000	29.8	54.5	60.0	63.2	66.3	66.6	68.0	68.6	68.8	69.5	70.0	70.0	70.3	70.4	70.6	70.9
≥ 18000	30.0	54.8	60.4	63.6	66.7	67.0	68.4	69.0	69.2	69.9	70.4	70.4	70.7	70.8	71.0	71.3
≥ 16000	30.3	55.1	60.7	64.0	67.0	67.4	68.8	69.4	69.6	70.3	70.8	70.8	71.0	71.1	71.3	71.7
≥ 14000	30.6	55.8	61.4	64.7	67.8	68.1	69.6	70.2	70.3	71.0	71.6	71.6	71.8	71.9	72.1	72.5
≥ 12000	31.0	57.4	63.2	66.5	69.8	70.2	71.7	72.4	72.5	73.2	73.7	73.7	74.0	74.1	74.3	74.6
≥ 10000	31.9	59.5	65.4	68.9	72.4	72.8	74.3	75.0	75.1	75.8	76.3	76.3	76.6	76.7	76.9	77.3
≥ 9000	32.5	60.7	66.6	70.2	73.6	74.0	75.5	76.2	76.3	77.0	77.5	77.5	77.8	78.0	78.1	78.5
≥ 8000	33.1	61.9	68.1	71.8	75.3	75.8	77.3	78.0	78.1	78.8	79.4	79.4	79.6	79.8	80.0	80.3
≥ 7000	33.7	62.9	69.3	73.0	76.6	77.1	78.7	79.4	79.5	80.2	80.8	80.8	81.0	81.2	81.4	81.7
≥ 6000	34.3	64.4	70.8	74.6	78.2	78.8	80.4	81.1	81.2	81.9	82.4	82.4	82.7	82.9	83.0	83.4
≥ 5000	34.7	65.4	71.9	76.0	79.8	80.3	81.9	82.6	82.8	83.5	84.0	84.0	84.3	84.4	84.6	85.0
≥ 4500	34.8	65.9	72.4	76.7	80.5	81.0	82.7	83.3	83.5	84.3	84.8	84.8	85.1	85.2	85.4	85.7
≥ 4000	35.4	67.4	74.1	78.5	82.5	83.1	84.8	85.5	85.7	86.4	87.0	87.0	87.2	87.4	87.6	87.9
≥ 3500	35.7	68.2	75.1	79.5	83.6	84.2	85.9	86.7	86.9	87.7	88.2	88.2	88.5	88.6	88.8	89.2
≥ 3000	35.9	68.8	75.9	80.3	84.5	85.1	86.9	87.7	87.8	88.6	89.1	89.1	89.4	89.5	89.7	90.1
≥ 2500	36.2	69.3	76.6	81.1	85.3	85.9	87.7	88.5	88.6	89.4	89.9	89.9	90.2	90.4	90.6	90.9
≥ 2000	36.5	70.0	77.4	82.1	86.3	87.0	88.9	89.7	89.9	90.7	91.3	91.3	91.5	91.7	91.9	92.2
≥ 1800	36.7	70.3	77.9	82.5	86.7	87.4	89.3	90.2	90.4	91.3	91.8	91.8	92.0	92.2	92.4	92.7
≥ 1500	36.7	70.6	78.1	82.9	87.1	87.8	89.8	90.6	90.8	91.7	92.2	92.2	92.5	92.6	92.8	93.2
≥ 1200	36.8	71.0	78.7	83.6	88.0	88.6	90.7	91.6	91.8	92.7	93.2	93.2	93.5	93.6	93.8	94.2
≥ 1000	36.8	71.5	79.2	84.3	88.8	89.5	91.6	92.5	92.7	93.6	94.1	94.1	94.4	94.6	94.8	95.1
≥ 900	36.8	71.6	79.4	84.6	89.1	89.7	91.9	92.8	92.9	93.9	94.5	94.5	94.8	94.9	95.1	95.4
≥ 800	36.9	71.9	79.8	85.1	89.7	90.3	92.6	93.4	93.6	94.6	95.1	95.1	95.4	95.5	95.7	96.1
≥ 700	36.9	72.0	80.0	85.3	90.0	90.7	93.0	93.9	94.1	95.1	95.6	95.6	95.9	96.1	96.2	96.6
≥ 600	37.0	72.1	80.2	85.6	90.4	91.1	93.6	94.5	94.7	95.7	96.2	96.2	96.5	96.7	96.9	97.2
≥ 500	37.1	72.2	80.3	85.7	90.7	91.5	94.1	95.0	95.2	96.3	96.8	96.8	97.1	97.3	97.5	97.8
≥ 400	37.1	72.4	80.5	85.8	90.9	91.7	94.3	95.4	95.6	96.9	97.4	97.4	97.7	97.8	98.0	98.4
≥ 300	37.1	72.4	80.5	85.9	91.1	91.9	94.6	95.7	96.0	97.3	97.9	97.9	98.2	98.3	98.5	98.9
≥ 200	37.1	72.4	80.5	85.9	91.1	91.9	94.6	95.7	96.0	97.5	98.0	98.0	98.3	98.5	98.8	99.3
≥ 100	37.1	72.4	80.5	85.9	91.1	91.9	94.6	95.7	96.0	97.6	98.2	98.2	98.5	98.6	99.0	99.7
0	37.1	72.4	80.6	86.0	91.1	91.9	94.7	95.8	96.1	97.6	98.2	98.2	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3143

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.3	41.6	46.9	51.6	55.2	55.8	57.5	58.1	58.4	59.2	59.6	59.6	59.8	59.8	59.9	60.3
≥ 20000	19.9	45.0	50.6	55.7	59.5	60.4	62.2	62.9	63.2	64.0	64.4	64.4	64.6	64.6	64.7	65.2
≥ 18000	20.1	45.1	50.8	56.0	59.8	60.7	62.6	63.2	63.5	64.3	64.7	64.7	64.9	64.9	65.0	65.5
≥ 16000	20.1	45.5	51.1	56.3	60.2	61.1	63.0	63.7	64.0	64.7	65.2	65.2	65.4	65.4	65.5	66.0
≥ 14000	20.4	46.3	52.1	57.4	61.4	62.3	64.2	64.9	65.2	66.0	66.5	66.5	66.6	66.7	66.8	67.2
≥ 12000	21.3	46.8	54.9	60.4	64.6	65.4	67.5	68.3	68.6	69.5	69.9	69.9	70.1	70.2	70.3	70.8
≥ 10000	22.2	51.1	57.6	63.5	67.9	68.8	71.1	72.0	72.3	73.2	73.7	73.7	73.9	73.9	74.1	74.5
≥ 9000	22.7	52.0	58.6	64.5	68.9	69.8	72.1	73.0	73.3	74.2	74.7	74.7	74.9	74.9	75.1	75.6
≥ 8000	23.2	53.4	60.4	66.4	70.9	71.9	74.3	75.2	75.5	76.4	76.9	76.9	77.1	77.2	77.3	77.8
≥ 7000	23.7	54.5	61.8	68.0	72.6	73.6	76.0	77.0	77.3	78.2	78.7	78.7	78.9	78.9	79.1	79.6
≥ 6000	24.3	55.6	63.2	69.6	74.3	75.3	77.7	78.7	79.0	79.9	80.4	80.4	80.6	80.6	80.8	81.3
≥ 5000	24.6	56.8	64.6	71.3	76.1	77.3	79.7	80.7	81.0	81.9	82.4	82.4	82.7	82.7	82.9	83.3
≥ 4500	24.7	57.2	65.0	71.8	76.6	77.8	80.3	81.3	81.6	82.6	83.1	83.1	83.3	83.3	83.5	84.0
≥ 4000	25.1	58.2	66.1	73.0	78.0	79.3	81.9	83.0	83.3	84.3	84.8	84.8	85.0	85.0	85.2	85.7
≥ 3500	25.4	59.0	66.9	73.8	78.8	80.2	82.9	84.0	84.3	85.3	85.8	85.8	86.0	86.0	86.2	86.7
≥ 3000	25.5	59.4	67.6	74.6	79.7	81.1	83.9	85.0	85.3	86.3	86.8	86.8	87.0	87.1	87.2	87.7
≥ 2500	25.8	60.2	68.5	75.6	80.7	82.1	84.9	86.0	86.4	87.3	87.8	87.8	88.0	88.1	88.2	88.7
≥ 2000	26.1	60.9	69.4	76.6	81.8	83.2	86.0	87.2	87.5	88.5	89.1	89.1	89.3	89.3	89.5	89.9
≥ 1800	26.2	61.0	69.6	76.7	82.0	83.4	86.3	87.5	87.8	88.8	89.3	89.3	89.5	89.6	89.7	90.2
≥ 1500	26.4	61.7	70.3	77.5	82.8	84.3	87.1	88.3	88.6	89.8	90.3	90.3	90.5	90.5	90.7	91.2
≥ 1200	26.5	62.2	71.1	78.5	83.7	85.2	88.1	89.4	89.7	90.8	91.3	91.3	91.6	91.6	91.8	92.2
≥ 1000	26.6	62.8	71.9	79.4	84.9	86.4	89.4	90.8	91.1	92.2	92.7	92.7	93.0	93.0	93.2	93.6
≥ 900	26.6	62.9	72.1	79.7	85.1	86.7	89.7	91.2	91.5	92.6	93.1	93.1	93.4	93.4	93.5	94.0
≥ 800	26.7	63.2	72.4	80.1	85.6	87.2	90.2	91.7	92.0	93.2	93.7	93.7	94.0	94.0	94.2	94.7
≥ 700	26.7	63.3	72.7	80.4	86.1	87.8	90.8	92.3	92.6	93.8	94.3	94.3	94.6	94.6	94.8	95.3
≥ 600	26.7	63.6	72.9	80.7	86.6	88.3	91.3	92.9	93.3	94.4	95.0	95.0	95.2	95.3	95.5	96.0
≥ 500	26.7	63.8	73.1	81.0	87.0	89.0	92.2	94.0	94.5	95.9	96.5	96.5	96.7	96.8	97.0	97.5
≥ 400	26.7	63.8	73.2	81.1	87.1	89.2	92.6	94.6	95.0	96.6	97.2	97.3	97.6	97.6	97.8	98.3
≥ 300	26.7	63.8	73.2	81.1	87.2	89.2	92.7	94.7	95.2	96.9	97.7	97.7	98.1	98.2	98.4	99.0
≥ 200	26.7	63.8	73.2	81.1	87.2	89.2	92.7	94.8	95.3	97.0	97.8	97.9	98.4	98.5	98.8	99.6
≥ 100	26.7	63.8	73.2	81.1	87.2	89.2	92.7	94.8	95.3	97.0	97.8	98.0	98.4	98.6	99.0	99.9
≥ 0	26.7	63.0	73.2	81.1	87.2	89.2	92.7	94.8	95.3	97.0	97.8	98.0	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3143

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.8	57.5	59.3	60.0	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6
≥ 20000	40.6	63.7	65.7	66.5	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	40.7	63.9	65.9	66.8	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 16000	40.8	64.1	66.1	67.1	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	41.7	65.8	67.8	68.8	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	42.9	68.3	70.6	71.6	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	43.8	70.3	73.0	74.2	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 9000	44.1	70.9	73.7	74.9	75.5	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0
≥ 8000	44.8	72.3	75.3	76.6	77.1	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 7000	45.0	73.2	76.3	77.5	78.2	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	45.5	74.5	77.6	79.0	79.7	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3
≥ 5000	45.8	75.5	78.9	80.4	81.2	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 4500	46.0	76.0	79.4	81.0	81.7	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 4000	46.4	77.0	80.4	82.1	83.0	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 3500	46.9	77.9	81.5	83.3	84.2	84.5	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 3000	47.6	79.1	82.7	84.6	85.6	86.0	86.1	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 2500	48.3	80.4	84.2	86.1	87.2	87.5	87.7	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	49.5	82.3	86.3	88.3	89.4	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 1800	49.6	82.7	86.7	88.7	89.8	90.2	90.4	90.5	90.5	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 1500	50.1	84.1	88.2	90.3	91.4	91.8	92.1	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 1200	50.4	85.2	89.4	91.5	92.8	93.2	93.4	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1000	50.7	86.2	90.5	92.9	94.4	94.9	95.2	95.3	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7
≥ 900	50.8	86.4	90.7	93.3	95.0	95.5	95.8	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 800	50.8	86.6	90.9	93.7	95.4	96.0	96.3	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	50.8	86.8	91.2	94.1	96.0	96.6	96.9	97.2	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 600	50.8	86.9	91.4	94.4	96.3	97.0	97.4	97.8	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	50.8	87.1	91.7	94.7	96.7	97.4	98.0	98.6	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	50.8	87.1	91.7	94.8	96.8	97.5	98.1	98.7	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	50.8	87.1	91.8	94.9	96.9	97.6	98.2	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	50.8	87.1	91.8	94.9	96.9	97.6	98.2	98.8	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	50.8	87.1	91.8	94.9	96.9	97.6	98.2	98.8	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0
0	50.8	87.1	91.8	94.9	96.9	97.6	98.2	98.8	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3137

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.4	56.0	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	52.5	63.8	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	52.9	64.3	64.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	53.1	64.7	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	54.1	66.3	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	55.3	68.3	68.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	57.2	71.1	71.8	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	57.8	72.0	72.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	58.5	73.2	74.0	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	59.0	74.3	75.1	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	59.7	75.3	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	60.5	76.6	77.9	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	61.1	77.6	78.8	79.3	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	63.4	80.7	82.1	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	64.7	82.7	84.2	84.8	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	66.2	85.3	87.0	87.7	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	66.9	87.0	88.9	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 2000	67.9	89.2	91.3	92.1	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 1800	68.2	89.8	92.1	93.0	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 1500	68.5	90.7	93.1	94.2	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	68.7	91.8	94.3	95.5	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	69.0	92.3	95.0	96.4	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 900	69.0	92.4	95.1	96.6	97.5	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 800	69.0	92.5	95.3	96.9	97.9	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 700	69.1	92.6	95.4	97.2	98.2	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 600	69.1	92.7	95.5	97.4	98.4	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500	69.1	92.8	95.6	97.5	98.5	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 400	69.1	92.8	95.6	97.5	98.6	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	69.1	92.8	95.6	97.5	98.6	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	69.1	92.8	95.6	97.5	98.6	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	69.1	92.8	95.6	97.5	98.6	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	69.1	92.8	95.6	97.5	98.6	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3142

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	49.5	59.3	59.8	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	56.9	68.4	68.9	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	57.2	68.8	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	57.7	69.4	69.9	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	58.7	71.2	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	60.0	73.5	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	62.1	76.5	77.3	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000	62.5	77.1	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	63.4	78.5	79.5	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	64.2	79.8	80.8	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	65.2	81.1	82.2	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	65.7	82.3	83.7	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	66.1	83.2	84.6	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	67.4	85.5	87.0	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	68.2	86.8	88.3	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	69.2	88.5	90.1	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	69.7	89.5	91.3	92.4	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	70.3	90.9	92.9	94.0	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1800	70.4	91.1	93.1	94.3	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	70.5	91.7	93.8	95.2	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	70.6	92.1	94.4	95.8	96.5	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	70.7	92.4	94.8	96.2	97.1	97.4	97.6	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	70.8	92.7	95.0	96.6	97.4	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	70.8	92.9	95.3	96.9	97.9	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	70.8	93.0	95.4	97.0	98.0	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	70.8	93.0	95.5	97.2	98.2	98.5	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	70.8	93.0	95.5	97.2	98.3	98.6	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 400	70.8	93.1	95.6	97.3	98.3	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 300	70.8	93.1	95.6	97.3	98.3	98.7	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	70.8	93.1	95.6	97.3	98.3	98.7	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	70.8	93.1	95.6	97.3	98.3	98.7	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0
0	70.8	93.1	95.6	97.3	98.3	98.7	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3146

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.8	64.5	66.0	67.0	67.5	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	52.6	71.0	72.8	73.7	74.4	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	52.6	71.1	72.8	73.8	74.5	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	53.0	71.5	73.3	74.3	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	54.1	73.3	75.2	76.2	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	55.0	75.4	77.5	78.6	79.2	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	56.3	77.9	80.1	81.1	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 9000	56.7	78.5	80.7	81.8	82.4	82.5	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	57.7	80.1	82.5	83.6	84.3	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	58.4	81.2	83.6	84.8	85.5	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	59.1	82.2	84.8	86.0	86.7	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	59.5	83.4	86.0	87.3	88.1	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	59.8	84.2	86.8	88.2	89.0	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	60.2	85.4	88.3	89.7	90.6	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	60.5	86.1	89.0	90.4	91.4	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	60.7	87.0	90.0	91.5	92.6	92.8	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	60.9	87.4	90.5	92.1	93.4	93.6	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	61.0	88.3	91.5	93.1	94.4	94.6	95.1	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1800	61.1	88.4	91.6	93.3	94.7	94.9	95.4	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1500	61.1	88.8	92.0	93.8	95.2	95.3	95.9	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1200	61.1	88.9	92.4	94.3	95.7	95.9	96.5	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	61.2	89.2	92.8	94.7	96.2	96.4	97.1	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	61.2	89.2	92.9	94.8	96.3	96.5	97.2	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	61.2	89.3	93.1	95.1	96.6	96.9	97.7	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	61.2	89.4	93.1	95.2	96.7	97.1	97.9	98.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	61.2	89.4	93.2	95.3	96.9	97.4	98.2	98.6	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	61.2	89.5	93.3	95.4	97.0	97.5	98.5	98.9	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	61.2	89.5	93.3	95.4	97.0	97.5	98.5	98.9	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	61.2	89.5	93.3	95.4	97.0	97.5	98.5	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.2	89.5	93.3	95.4	97.0	97.5	98.5	99.0	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 00	61.2	89.5	93.3	95.4	97.0	97.5	98.5	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	61.2	89.5	93.3	95.4	97.0	97.5	98.5	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3138

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 36-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.3	66.7	69.3	70.9	71.7	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 20000	47.7	70.2	72.8	74.5	75.5	75.6	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.2
18000	48.0	70.4	73.0	74.8	75.8	75.9	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4
16000	48.4	70.9	73.6	75.4	76.3	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	77.0
14000	48.9	72.0	74.6	76.4	77.4	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1
12000	49.9	74.1	76.8	78.7	79.7	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4
10000	51.0	76.3	79.1	81.0	81.9	82.0	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
9000	51.4	76.8	79.6	81.5	82.5	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2
8000	52.3	78.3	81.2	83.1	84.0	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8
7000	53.2	80.0	82.9	84.9	85.8	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7
6000	53.6	81.1	84.1	86.1	87.2	87.4	87.8	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.1
5000	54.4	82.4	85.5	87.7	88.7	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
4500	54.6	82.8	86.0	88.3	89.3	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4
4000	55.0	83.9	87.2	89.5	90.7	91.0	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8
3500	55.0	84.1	87.6	90.0	91.1	91.5	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2
3000	55.3	84.7	88.3	90.7	92.0	92.3	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.2
2500	55.4	85.0	88.7	91.3	92.7	93.1	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
2000	55.7	85.8	89.8	92.4	93.9	94.2	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.3
1800	55.7	86.1	90.1	92.7	94.2	94.6	95.2	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.7
1500	55.8	86.4	90.5	93.2	94.8	95.2	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.4
1200	55.8	86.7	90.9	93.7	95.3	95.7	96.5	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.1	97.1
1000	55.8	87.0	91.3	94.2	95.8	96.2	97.1	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7
900	55.9	87.1	91.4	94.4	96.0	96.5	97.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.9	98.0
800	55.9	87.2	91.6	94.8	96.5	97.0	97.8	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.5
700	55.9	87.3	91.7	95.0	96.9	97.3	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.9
600	56.0	87.3	91.8	95.1	97.1	97.5	98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0
500	56.0	87.5	92.0	95.3	97.4	97.9	98.8	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5
400	56.0	87.5	92.0	95.3	97.4	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.6
300	56.0	87.5	92.0	95.3	97.4	97.9	98.9	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7
200	56.0	87.5	92.0	95.3	97.4	97.9	99.0	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.9
100	56.0	87.5	92.0	95.3	97.4	97.9	99.0	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.9
0	56.0	87.5	92.0	95.3	97.4	97.9	99.0	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3146

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB IL (STATION NAME) INDIS/BELLEVILLE 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.9	60.1	63.8	66.8	68.6	69.0	69.6	69.9	69.9	70.2	70.2	70.2	70.4	70.4	70.6	70.8
≥ 20000	37.6	62.9	66.7	70.0	71.9	72.3	72.8	73.1	73.2	73.5	73.5	73.5	73.7	73.7	73.9	74.1
≥ 18000	37.8	63.2	67.1	70.4	72.2	72.6	73.1	73.4	73.5	73.8	73.8	73.8	74.0	74.0	74.2	74.4
≥ 16000	37.9	63.4	67.2	70.5	72.4	72.8	73.3	73.6	73.6	74.0	74.0	74.0	74.2	74.2	74.4	74.6
≥ 14000	38.6	64.4	68.3	71.6	73.6	74.0	74.6	74.9	74.9	75.3	75.3	75.3	75.5	75.5	75.6	75.9
≥ 12000	39.3	65.8	69.8	73.2	75.2	75.6	76.2	76.5	76.5	76.9	76.9	76.9	77.1	77.1	77.3	77.5
≥ 10000	40.1	67.5	71.5	75.0	77.1	77.5	78.1	78.4	78.4	78.8	78.8	78.8	79.0	79.0	79.2	79.4
≥ 9000	40.3	67.9	72.0	75.6	77.7	78.1	78.7	79.0	79.1	79.4	79.4	79.4	79.6	79.6	79.8	80.0
≥ 8000	41.2	69.4	73.7	77.2	79.5	79.9	80.4	80.8	80.8	81.2	81.2	81.2	81.4	81.4	81.6	81.8
≥ 7000	41.6	70.5	75.0	78.7	81.1	81.5	82.1	82.4	82.5	82.8	82.8	82.8	83.0	83.0	83.2	83.5
≥ 6000	41.9	71.3	76.0	79.9	82.3	82.8	83.3	83.7	83.7	84.1	84.1	84.1	84.3	84.3	84.5	84.7
≥ 5000	42.4	72.6	77.4	81.4	83.9	84.4	85.0	85.3	85.4	85.8	85.8	85.8	86.0	86.0	86.1	86.4
≥ 4500	42.8	73.5	78.3	82.4	84.9	85.4	86.0	86.4	86.4	86.8	86.8	86.8	87.0	87.0	87.2	87.5
≥ 4000	43.2	74.4	79.3	83.4	86.0	86.5	87.2	87.5	87.6	88.0	88.0	88.0	88.2	88.2	88.4	88.6
≥ 3500	43.7	75.2	80.2	84.3	86.9	87.4	88.1	88.5	88.5	88.9	88.9	88.9	89.2	89.2	89.3	89.6
≥ 3000	44.2	76.1	81.1	85.3	88.0	88.6	89.3	89.7	89.7	90.2	90.2	90.2	90.4	90.4	90.6	90.9
≥ 2500	44.6	77.0	82.1	86.5	89.3	89.9	90.6	91.0	91.0	91.5	91.5	91.5	91.7	91.7	91.9	92.1
≥ 2000	44.9	78.0	83.1	87.6	90.5	91.1	91.9	92.2	92.3	92.9	92.9	92.9	93.1	93.1	93.3	93.6
≥ 1800	44.9	78.2	83.4	87.8	90.8	91.3	92.1	92.5	92.5	93.1	93.1	93.1	93.4	93.4	93.5	93.8
≥ 1500	45.0	78.4	83.7	88.2	91.2	91.8	92.6	93.0	93.0	93.6	93.6	93.6	93.9	93.9	94.0	94.3
≥ 1200	45.1	79.0	84.5	89.1	92.1	92.8	93.6	94.0	94.0	94.6	94.6	94.6	94.9	94.9	95.0	95.3
≥ 1000	45.2	79.5	85.1	89.8	92.8	93.4	94.3	94.7	94.7	95.3	95.3	95.3	95.6	95.6	95.7	96.0
≥ 900	45.2	79.6	85.3	90.0	93.2	93.8	94.7	95.1	95.2	95.8	95.8	95.8	96.0	96.0	96.2	96.5
≥ 800	45.3	79.7	85.4	90.2	93.4	94.1	95.0	95.4	95.5	96.1	96.1	96.1	96.4	96.4	96.5	96.8
≥ 700	45.3	79.8	85.6	90.4	93.7	94.5	95.4	95.8	95.9	96.5	96.5	96.5	96.7	96.7	96.9	97.2
≥ 600	45.3	80.0	85.8	90.7	94.0	94.9	96.0	96.5	96.6	97.2	97.2	97.2	97.4	97.4	97.6	97.9
≥ 500	45.3	80.1	85.9	90.9	94.2	95.2	96.3	96.9	97.0	97.6	97.6	97.6	97.9	97.9	98.0	98.3
≥ 400	45.3	80.1	86.0	91.0	94.5	95.4	96.8	97.4	97.4	98.1	98.2	98.2	98.4	98.4	98.6	98.9
≥ 300	45.3	80.1	86.0	91.1	94.5	95.5	96.9	97.6	97.7	98.5	98.5	98.5	98.9	98.9	99.0	99.3
≥ 200	45.3	80.1	86.0	91.1	94.5	95.5	97.0	97.7	97.8	98.6	98.6	98.6	99.0	99.0	99.2	99.6
≥ 100	45.3	80.1	86.0	91.1	94.5	95.5	97.0	97.7	97.8	98.6	98.6	98.6	99.0	99.1	99.3	99.8
0	45.3	80.1	86.0	91.1	94.5	95.5	97.0	97.7	97.8	98.6	98.6	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3248

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	53.3	58.6	63.2	65.6	66.2	67.3	67.6	67.6	68.3	68.6	68.6	69.0	69.1	69.3	69.9
≥ 20000	31.5	55.4	61.0	65.7	68.2	68.7	69.9	70.1	70.1	70.8	71.2	71.2	71.6	71.6	71.9	72.4
≥ 18000	31.6	55.5	61.0	65.8	68.3	68.8	70.0	70.2	70.2	70.9	71.2	71.3	71.7	71.7	72.0	72.5
≥ 16000	31.6	55.6	61.1	65.9	68.4	68.9	70.1	70.3	70.3	71.0	71.3	71.4	71.8	71.8	72.1	72.6
≥ 14000	32.0	56.5	62.2	67.0	69.6	70.2	71.4	71.6	71.6	72.3	72.7	72.7	73.1	73.1	73.4	73.9
≥ 12000	32.7	57.9	63.6	68.4	71.0	71.6	72.8	73.0	73.0	73.7	74.1	74.1	74.5	74.5	74.8	75.3
≥ 10000	33.8	60.2	66.0	71.0	73.6	74.2	75.4	75.7	75.7	76.4	76.7	76.8	77.2	77.2	77.5	78.0
≥ 9000	33.9	60.6	66.5	71.4	74.1	74.7	75.9	76.2	76.2	76.9	77.3	77.3	77.7	77.7	78.0	78.5
≥ 8000	34.6	62.0	68.1	73.1	75.8	76.4	77.7	77.9	77.9	78.6	79.0	79.0	79.4	79.4	79.7	80.2
≥ 7000	34.9	62.9	69.1	74.2	77.0	77.7	78.9	79.2	79.2	79.9	80.2	80.3	80.7	80.7	81.0	81.5
≥ 6000	35.4	64.0	70.4	75.5	78.5	79.2	80.5	80.7	80.7	81.4	81.8	81.8	82.2	82.2	82.5	83.1
≥ 5000	36.1	65.8	72.3	77.4	80.6	81.4	82.6	82.9	82.9	83.6	83.9	84.0	84.4	84.4	84.7	85.2
≥ 4500	36.4	66.4	73.1	78.2	81.4	82.2	83.5	83.8	83.8	84.5	84.8	84.8	85.2	85.3	85.5	86.1
≥ 4000	36.8	67.1	74.2	79.3	82.6	83.5	84.7	85.0	85.0	85.7	86.1	86.1	86.5	86.6	86.8	87.4
≥ 3500	37.2	67.7	75.0	80.2	83.6	84.4	85.7	86.0	86.0	86.7	87.1	87.1	87.6	87.6	87.9	88.4
≥ 3000	37.5	68.4	75.7	81.0	84.5	85.4	86.7	87.0	87.0	87.7	88.1	88.1	88.5	88.6	88.8	89.4
≥ 2500	38.1	69.2	76.7	82.1	85.7	86.6	87.9	88.2	88.2	89.0	89.4	89.4	89.8	89.9	90.1	90.7
≥ 2000	38.4	70.3	77.9	83.3	87.1	88.0	89.3	89.7	89.7	90.6	91.0	91.0	91.4	91.5	91.7	92.3
≥ 1800	38.6	70.5	78.2	83.8	87.4	88.3	89.6	90.0	90.0	90.9	91.3	91.3	91.7	91.8	92.0	92.6
≥ 1500	38.7	71.1	78.8	84.6	88.3	89.2	90.5	90.9	90.9	91.8	92.2	92.2	92.6	92.7	92.9	93.5
≥ 1200	38.8	71.6	79.3	85.2	89.0	89.9	91.2	91.6	91.6	92.5	92.9	92.9	93.3	93.4	93.7	94.2
≥ 1000	38.8	72.0	79.8	85.7	89.6	90.5	91.9	92.3	92.3	93.3	93.6	93.7	94.1	94.1	94.4	94.9
≥ 900	38.8	72.0	79.9	85.9	89.8	90.7	92.1	92.6	92.6	93.5	93.9	93.9	94.3	94.4	94.6	95.2
≥ 800	38.9	72.3	80.3	86.5	90.5	91.5	93.0	93.4	93.4	94.4	94.8	94.8	95.3	95.3	95.6	96.1
≥ 700	38.9	72.4	80.4	86.7	90.8	91.8	93.3	93.8	93.8	94.8	95.2	95.2	95.7	95.7	96.0	96.5
≥ 600	39.0	72.5	80.6	87.0	91.2	92.2	93.8	94.3	94.3	95.4	95.7	95.8	96.2	96.3	96.5	97.1
≥ 500	39.0	72.6	80.8	87.2	91.6	92.6	94.3	94.8	94.8	95.9	96.2	96.2	96.7	96.7	97.0	97.6
≥ 400	39.0	72.6	80.8	87.3	91.7	92.7	94.6	95.2	95.3	96.4	96.8	96.8	97.3	97.3	97.6	98.1
≥ 300	39.0	72.6	80.9	87.4	91.8	92.9	94.9	95.6	95.7	96.9	97.3	97.3	97.8	97.8	98.1	98.6
≥ 200	39.0	72.6	80.9	87.4	91.8	92.9	94.9	95.6	95.7	97.1	97.4	97.5	98.1	98.2	98.4	99.1
≥ 100	39.0	72.6	80.9	87.4	91.8	92.9	95.0	95.6	95.8	97.1	97.6	97.6	98.3	98.4	98.7	99.5
≥ 0	39.0	72.6	80.9	87.4	91.8	92.9	95.0	95.6	95.8	97.1	97.6	97.6	98.3	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3245

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.6	37.8	43.8	48.9	53.5	54.4	56.8	57.5	57.8	59.6	60.4	60.4	60.9	61.0	61.3	61.9
≥ 20000	19.0	40.6	47.2	52.6	57.6	58.5	61.1	61.9	62.3	64.2	65.0	65.1	65.6	65.7	66.0	66.6
≥ 18000	19.0	40.8	47.3	52.8	57.8	58.7	61.4	62.2	62.5	64.5	65.3	65.3	65.8	66.0	66.3	66.9
≥ 16000	19.1	41.0	47.6	53.1	58.2	59.1	61.8	62.6	62.9	64.9	65.7	65.7	66.3	66.4	66.7	67.3
≥ 14000	19.5	41.8	48.5	54.0	59.2	60.0	62.7	63.5	63.9	65.9	66.8	66.8	67.3	67.4	67.7	68.3
≥ 12000	20.0	43.3	50.2	56.0	61.5	62.4	65.2	66.0	66.4	68.5	69.4	69.4	69.9	70.1	70.4	71.0
≥ 10000	20.7	45.1	52.3	58.2	63.8	64.8	67.7	68.5	68.9	71.1	71.9	72.0	72.5	72.6	72.9	73.5
≥ 9000	20.8	45.6	52.9	58.9	64.5	65.5	68.4	69.2	69.6	71.8	72.7	72.7	73.2	73.4	73.7	74.3
≥ 8000	21.4	47.1	54.6	60.8	66.5	67.5	70.4	71.2	71.7	74.0	74.8	74.9	75.4	75.5	75.8	76.4
≥ 7000	21.9	48.6	56.5	62.9	68.7	69.7	72.8	73.6	74.1	76.3	77.2	77.2	77.8	77.9	78.2	78.8
≥ 6000	22.4	49.8	57.8	64.5	70.5	71.5	74.6	75.4	75.9	78.2	79.0	79.1	79.6	79.7	80.0	80.6
≥ 5000	23.3	51.5	59.6	66.5	72.6	73.6	76.8	77.6	78.1	80.4	81.2	81.3	81.8	81.9	82.2	82.8
≥ 4500	23.6	52.0	60.2	67.1	73.3	74.3	77.5	78.3	78.8	81.1	81.9	82.0	82.5	82.6	82.9	83.5
≥ 4000	23.9	52.7	61.1	68.1	74.4	75.5	78.9	79.7	80.2	82.5	83.4	83.5	84.0	84.2	84.5	85.0
≥ 3500	24.5	53.5	62.1	69.3	75.7	76.9	80.2	81.0	81.5	83.9	84.8	84.9	85.4	85.5	85.8	86.4
≥ 3000	24.9	54.5	63.2	70.6	77.2	78.3	81.8	82.6	83.1	85.5	86.4	86.4	87.0	87.1	87.4	88.0
≥ 2500	25.1	55.3	64.0	71.5	78.1	79.3	82.9	83.8	84.3	86.7	87.6	87.7	88.2	88.3	88.7	89.3
≥ 2000	25.7	56.7	65.6	73.2	79.8	81.0	84.6	85.6	86.1	88.5	89.4	89.5	90.0	90.2	90.5	91.1
≥ 1800	25.8	57.0	65.9	73.5	80.2	81.4	85.1	86.0	86.5	89.0	89.9	89.9	90.5	90.6	90.9	91.6
≥ 1500	26.0	57.5	66.5	74.2	81.0	82.3	86.0	87.0	87.6	90.1	91.0	91.1	91.6	91.8	92.1	92.7
≥ 1200	26.1	57.9	67.1	74.8	81.8	83.1	86.9	88.0	88.5	91.0	92.0	92.0	92.6	92.7	93.0	93.6
≥ 1000	26.2	58.2	67.5	75.3	82.4	83.7	87.5	88.6	89.2	91.7	92.6	92.7	93.2	93.3	93.6	94.3
≥ 900	26.2	58.3	67.7	75.6	82.6	84.0	87.8	88.9	89.5	92.0	92.9	93.0	93.6	93.7	94.0	94.6
≥ 800	26.2	58.5	67.9	75.9	83.1	84.5	88.4	89.5	90.1	92.7	93.6	93.7	94.3	94.4	94.7	95.3
≥ 700	26.2	58.6	68.1	76.2	83.4	84.8	88.7	89.9	90.6	93.2	94.1	94.2	94.8	94.9	95.3	95.9
≥ 600	26.2	58.6	68.2	76.3	83.7	85.2	89.1	90.5	91.2	93.9	94.8	94.9	95.5	95.6	95.9	96.5
≥ 500	26.3	58.6	68.3	76.5	84.1	85.7	89.7	91.2	92.0	94.8	95.7	95.8	96.5	96.6	96.9	97.5
≥ 400	26.3	58.6	68.4	76.7	84.2	85.9	90.0	91.6	92.5	95.4	96.4	96.5	97.1	97.2	97.6	98.2
≥ 300	26.3	58.6	68.4	76.7	84.3	86.0	90.1	91.8	92.8	95.8	96.9	96.9	97.7	97.8	98.2	99.0
≥ 200	26.3	58.6	68.4	76.7	84.3	86.0	90.2	91.9	92.9	95.9	97.0	97.1	98.0	98.1	98.7	99.5
≥ 100	26.3	58.6	68.4	76.7	84.3	86.0	90.2	91.9	92.9	95.9	97.0	97.1	98.0	98.1	98.7	99.7
0	26.3	58.6	68.4	76.7	84.3	86.0	90.2	91.9	92.9	95.9	97.0	97.1	98.0	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3243

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.2	52.6	56.6	58.5	59.7	59.9	60.2	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.7
≥ 20000	33.7	57.9	62.3	64.3	65.5	65.8	66.1	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6
≥ 18000	33.9	58.3	62.6	64.6	65.9	66.2	66.5	66.6	66.7	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 16000	34.3	58.9	63.3	65.3	66.6	66.9	67.2	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.8
≥ 14000	34.6	59.8	64.4	66.5	67.9	68.2	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.9	69.0	69.0
≥ 12000	35.3	61.5	66.2	68.6	70.2	70.5	70.9	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.4
≥ 10000	36.2	63.9	68.8	71.2	72.9	73.2	73.5	73.7	73.7	73.9	73.9	73.9	73.9	74.0	74.0	74.1
≥ 9000	36.4	64.5	69.5	71.8	73.6	73.9	74.2	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 8000	36.9	65.8	70.9	73.3	75.1	75.4	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.3
≥ 7000	37.4	67.0	72.4	74.9	77.0	77.4	77.7	77.9	77.9	78.1	78.1	78.1	78.1	78.2	78.2	78.3
≥ 6000	38.0	68.5	73.9	76.6	78.7	79.1	79.5	79.6	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0
≥ 5000	38.4	69.6	75.1	78.0	80.2	80.6	81.1	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 4500	38.8	70.1	75.6	78.5	80.8	81.2	81.6	81.8	81.8	82.0	82.0	82.0	82.0	82.1	82.1	82.2
≥ 4000	39.3	71.0	76.6	79.6	82.0	82.4	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.4
≥ 3500	39.7	71.9	77.6	80.7	83.1	83.5	83.9	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.5	84.5
≥ 3000	40.3	73.3	79.1	82.3	84.8	85.2	85.6	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.2
≥ 2500	41.1	74.7	80.7	84.0	86.5	86.9	87.3	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.9	87.9
≥ 2000	42.1	77.0	83.0	86.4	89.0	89.4	89.9	90.1	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.6
≥ 1800	42.3	77.5	83.5	86.9	89.6	90.0	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.3
≥ 1500	42.5	78.4	84.6	88.2	90.9	91.5	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 1200	42.8	79.1	85.4	89.1	92.1	92.6	93.2	93.5	93.6	93.8	93.8	93.8	93.8	93.9	93.9	94.0
≥ 1000	42.9	79.7	86.2	90.0	93.1	93.7	94.3	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.1	95.1
≥ 900	43.0	80.0	86.6	90.5	93.7	94.3	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.9
≥ 800	43.0	80.2	87.0	90.9	94.4	95.0	95.8	96.0	96.1	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 700	43.0	80.4	87.3	91.4	95.1	95.8	96.7	97.0	97.1	97.5	97.5	97.5	97.6	97.6	97.7	97.7
≥ 600	43.1	80.4	87.4	91.6	95.4	96.2	97.2	97.6	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.3
≥ 500	43.1	80.5	87.5	91.7	95.7	96.5	97.5	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 400	43.1	80.5	87.6	91.8	95.8	96.8	97.8	98.5	98.6	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	43.1	80.5	87.6	91.8	95.8	96.8	97.9	98.7	98.8	99.4	99.5	99.5	99.6	99.7	99.7	99.8
≥ 200	43.1	80.5	87.6	91.8	95.8	96.8	97.9	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	99.9
≥ 100	43.1	80.5	87.6	91.8	95.8	96.8	97.9	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	99.9
0	43.1	80.5	87.6	91.8	95.8	96.8	97.9	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS. . 3235

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13602 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.0	57.8	58.6	59.0	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	49.0	64.7	65.7	65.9	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	49.2	64.9	65.9	66.0	66.3	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	49.6	65.4	66.5	66.6	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	50.2	67.0	68.0	68.2	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	51.5	68.9	70.2	70.4	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	53.1	71.6	73.1	73.2	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	53.4	71.9	73.5	73.6	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	54.0	73.4	75.0	75.3	75.5	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	54.3	74.2	75.8	76.2	76.6	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	54.7	75.3	77.1	77.6	78.0	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	55.6	77.0	78.8	79.4	80.0	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	56.2	77.9	79.7	80.3	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	57.6	79.9	81.8	82.4	83.0	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	58.6	81.3	83.2	83.9	84.6	84.6	84.9	85.0	85.0	35.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	59.9	83.5	85.4	86.1	86.8	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	61.0	85.6	87.7	88.4	89.1	89.1	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	61.7	87.4	89.5	90.5	91.2	91.3	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	61.8	87.8	90.0	90.9	91.7	91.9	92.4	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	62.1	88.6	91.2	92.4	93.3	93.5	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	62.3	89.2	92.0	93.3	94.4	94.7	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	62.4	89.7	92.6	94.1	95.3	95.7	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	62.4	89.8	92.7	94.3	95.6	95.9	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	62.5	90.0	93.0	94.6	95.9	96.4	97.3	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	62.5	90.0	93.0	94.7	96.1	96.6	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	62.5	90.2	93.3	95.0	96.5	97.1	98.3	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	62.5	90.3	93.4	95.2	96.9	97.6	98.7	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	62.5	90.3	93.5	95.2	97.1	97.7	99.0	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	62.6	90.3	93.5	95.3	97.1	97.8	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	62.6	90.3	93.5	95.3	97.1	97.8	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	62.6	90.3	93.5	95.3	97.1	97.8	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	62.6	90.3	93.5	95.3	97.1	97.8	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3243

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥5/16	≥¼	≥0
NO CEILING	46.1	58.7	59.5	59.9	60.2	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	52.1	66.4	67.5	68.1	68.4	68.4	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	52.5	66.9	67.9	68.5	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	52.8	67.3	68.4	69.0	69.3	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	53.5	66.8	69.9	70.5	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	54.3	70.2	71.4	72.1	72.4	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	56.3	73.4	74.9	75.5	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	56.7	74.2	75.7	76.3	76.6	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	57.4	75.4	77.0	77.6	77.9	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 7000	58.1	76.7	78.4	79.0	79.4	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	58.7	78.0	79.7	80.4	80.8	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	59.8	79.7	81.8	82.5	83.0	83.2	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	60.2	80.5	82.7	83.4	83.9	84.2	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	61.5	82.5	84.8	85.6	86.1	86.4	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	62.3	83.7	86.1	87.1	87.6	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	62.9	85.1	87.6	88.7	89.3	89.5	89.9	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 2500	63.8	86.6	89.3	90.5	91.2	91.5	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	64.0	87.6	90.5	91.8	92.6	92.9	93.3	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1800	64.1	87.9	90.9	92.3	93.1	93.4	93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1500	64.4	88.4	91.6	93.1	93.9	94.2	94.8	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	64.5	88.8	92.1	93.7	94.5	94.9	95.5	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	64.6	89.1	92.5	94.3	95.3	95.7	96.4	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 900	64.6	89.2	92.7	94.5	95.5	95.9	96.7	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 800	64.7	89.4	92.9	94.8	95.9	96.4	97.2	97.4	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 700	64.7	89.5	93.0	94.9	96.0	96.5	97.3	97.6	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	64.7	89.5	93.1	95.0	96.3	96.8	97.7	98.0	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500	64.7	89.5	93.1	95.1	96.4	97.0	98.2	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	64.7	89.6	93.2	95.2	96.6	97.2	98.4	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	64.7	89.6	93.2	95.2	96.6	97.3	98.5	98.8	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	64.7	89.6	93.2	95.2	96.7	97.3	98.5	98.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	64.7	89.6	93.2	95.2	96.7	97.3	98.5	98.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0
0	64.7	89.6	93.2	95.2	96.7	97.3	98.5	98.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	42.1	60.4	62.8	64.0	64.8	64.9	65.2	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
	45.1	64.9	67.5	68.9	69.8	69.9	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 18000	45.3	65.1	67.7	69.1	70.0	70.2	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 16000	45.5	65.3	68.1	69.5	70.3	70.6	70.9	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	46.0	66.7	69.3	70.7	71.6	71.8	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 12000	47.4	69.1	72.0	73.5	74.4	74.7	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 10000	48.8	71.2	74.3	75.9	76.9	77.2	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	49.1	72.0	75.1	76.8	77.8	78.1	78.4	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	49.8	73.5	76.7	78.4	79.5	79.8	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 7000	50.3	74.6	77.9	79.6	80.7	81.0	81.3	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	51.0	76.2	79.5	81.4	82.6	82.9	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 5000	51.8	77.7	81.3	83.4	84.7	85.1	85.4	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 4500	52.4	78.7	82.4	84.4	85.8	86.2	86.5	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 4000	53.1	80.1	84.0	86.2	87.7	88.1	88.4	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 3500	53.8	81.3	85.3	87.6	89.2	89.6	90.0	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 3000	54.4	82.5	86.5	89.0	90.6	91.0	91.5	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0
≥ 2500	54.9	83.5	87.6	90.3	91.9	92.4	92.9	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4
≥ 2000	55.1	84.2	88.5	91.3	93.0	93.4	94.0	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1800	55.1	84.3	88.7	91.5	93.2	93.7	94.3	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1500	55.2	84.7	89.1	92.0	93.9	94.4	95.0	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6
≥ 1200	55.2	84.9	89.3	92.4	94.3	94.9	95.5	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1000	55.2	85.1	89.8	92.9	94.9	95.5	96.1	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 900	55.2	85.1	89.8	93.0	95.0	95.7	96.3	96.5	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	55.2	85.3	90.0	93.3	95.5	96.2	96.9	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 700	55.3	85.4	90.1	93.4	95.6	96.3	97.2	97.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.1
≥ 600	55.3	85.4	90.2	93.6	96.1	96.8	97.7	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 500	55.3	85.5	90.3	93.7	96.2	97.0	98.1	98.5	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	55.3	85.5	90.3	93.7	96.3	97.2	98.5	98.9	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	55.3	85.5	90.3	93.7	96.4	97.2	98.5	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	55.3	85.5	90.3	93.7	96.4	97.2	98.5	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	55.3	85.5	90.3	93.7	96.4	97.2	98.5	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.9	100.0
0	55.3	85.5	90.3	93.7	96.4	97.2	98.5	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3243

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.0	62.2	65.2	67.3	68.7	68.9	68.9	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6
≥ 20000	41.7	65.5	68.8	71.1	72.5	72.7	72.8	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.5
≥ 18000	42.0	65.9	69.1	71.5	72.9	73.1	73.2	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.9
≥ 16000	42.3	66.3	69.5	71.8	73.2	73.5	73.6	73.7	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.2
≥ 14000	42.8	67.3	70.6	72.9	74.4	74.7	74.8	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.4
≥ 12000	44.0	69.6	73.0	75.4	77.0	77.2	77.3	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	78.0
≥ 10000	44.7	71.4	74.9	77.3	79.0	79.3	79.3	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	80.0
≥ 9000	44.8	71.6	75.2	77.6	79.4	79.7	79.7	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.4
≥ 8000	45.9	73.0	76.6	79.0	80.8	81.1	81.2	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	82.0
≥ 7000	46.2	74.0	77.6	80.3	82.1	82.4	82.5	82.6	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.2
≥ 6000	46.6	75.0	78.9	81.6	83.5	83.7	83.9	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.6
≥ 5000	47.6	76.8	80.8	83.7	85.6	86.0	86.1	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.9
≥ 4500	48.0	77.4	81.6	84.5	86.4	86.8	86.9	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.8
≥ 4000	48.8	78.8	83.0	86.1	88.1	88.5	88.6	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.4
≥ 3500	49.3	79.6	83.8	86.9	89.1	89.4	89.6	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.4
≥ 3000	49.9	80.6	84.9	88.2	90.4	90.8	90.9	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.8
≥ 2500	50.2	81.3	85.7	89.2	91.4	91.8	92.0	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.9
≥ 2000	50.5	82.0	86.5	90.0	92.4	92.7	92.9	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.8
≥ 1800	50.5	82.1	86.6	90.3	92.6	93.0	93.2	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	94.1
≥ 1500	50.5	82.4	87.0	90.8	93.2	93.6	93.8	94.1	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.7
≥ 1200	50.6	82.7	87.4	91.4	93.8	94.2	94.4	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.4
≥ 1000	50.7	83.0	87.9	91.9	94.4	94.8	95.1	95.4	95.5	95.7	95.7	95.7	95.8	95.8	95.8	96.1
≥ 900	50.7	83.1	88.1	92.2	94.9	95.3	95.6	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.6
≥ 800	50.8	83.4	88.5	92.6	95.4	95.9	96.3	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.2
≥ 700	50.8	83.6	88.7	92.9	95.8	96.2	96.6	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.7
≥ 600	50.8	83.7	88.9	93.2	96.3	96.7	97.2	97.7	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.5
≥ 500	50.8	83.8	89.1	93.4	96.6	97.1	97.7	98.2	98.3	98.6	98.6	98.6	98.7	98.7	98.7	99.0
≥ 400	50.9	83.9	89.2	93.6	96.8	97.4	98.1	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.4
≥ 300	50.9	83.9	89.2	93.6	96.9	97.4	98.1	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.7
≥ 200	50.9	83.9	89.2	93.6	96.9	97.4	98.2	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.8
≥ 100	50.9	83.9	89.2	93.6	96.9	97.4	98.2	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	100.0
0	50.9	83.9	89.2	93.6	96.9	97.4	98.2	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3249

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.7	45.3	48.2	51.0	52.4	52.6	53.3	53.6	53.6	53.8	54.0	54.0	54.2	54.2	54.3	54.6
≥ 20000	26.0	48.2	51.2	54.2	55.6	55.8	56.6	56.9	56.9	57.2	57.3	57.3	57.5	57.5	57.6	58.0
≥ 18000	26.2	48.5	51.4	54.4	55.8	56.0	56.8	57.1	57.1	57.4	57.6	57.6	57.8	57.8	57.9	58.2
≥ 16000	26.3	48.7	51.6	54.6	56.1	56.3	57.1	57.4	57.4	57.7	57.9	57.9	58.1	58.1	58.2	58.5
≥ 14000	26.7	49.7	52.8	55.8	57.3	57.5	58.3	58.7	58.7	59.0	59.2	59.2	59.4	59.4	59.5	59.8
≥ 12000	27.5	51.2	54.4	57.5	59.1	59.4	60.1	60.5	60.5	60.8	61.0	61.0	61.2	61.2	61.3	61.6
≥ 10000	28.5	52.9	56.4	59.6	61.3	61.6	62.4	62.7	62.7	63.0	63.2	63.2	63.4	63.4	63.5	63.8
≥ 9000	28.9	53.5	57.0	60.2	61.9	62.2	63.0	63.4	63.4	63.7	63.9	63.9	64.1	64.1	64.2	64.5
≥ 8000	30.0	55.1	58.7	61.9	63.7	63.9	64.8	65.2	65.2	65.5	65.7	65.7	65.9	65.9	66.0	66.3
≥ 7000	30.7	56.4	60.2	63.6	65.3	65.6	66.5	66.9	66.9	67.3	67.5	67.5	67.6	67.6	67.7	68.1
≥ 6000	31.2	57.6	61.5	65.2	66.9	67.1	68.1	68.4	68.4	68.8	69.0	69.0	69.2	69.2	69.3	69.6
≥ 5000	32.1	59.3	63.4	67.3	69.0	69.3	70.2	70.6	70.6	71.0	71.2	71.2	71.4	71.4	71.5	71.8
≥ 4500	32.8	61.0	65.3	69.2	71.1	71.3	72.4	72.8	72.8	73.2	73.4	73.4	73.6	73.6	73.7	74.0
≥ 4000	33.9	63.1	67.5	71.7	73.6	73.9	75.1	75.5	75.5	75.9	76.1	76.1	76.4	76.4	76.5	76.8
≥ 3500	35.1	65.6	70.1	74.4	76.3	76.6	77.8	78.3	78.3	78.7	78.9	78.9	79.2	79.2	79.3	79.6
≥ 3000	35.8	67.4	72.1	76.6	78.6	78.9	80.2	80.7	80.7	81.1	81.3	81.3	81.5	81.5	81.6	82.0
≥ 2500	36.2	69.1	74.0	78.8	80.9	81.2	82.4	82.9	82.9	83.4	83.6	83.6	83.9	83.9	84.0	84.3
≥ 2000	36.7	70.9	76.0	81.0	83.1	83.4	84.8	85.2	85.3	85.7	86.0	86.0	86.3	86.3	86.4	86.7
≥ 1800	36.9	71.4	76.6	81.6	83.7	84.0	85.4	85.8	85.9	86.4	86.6	86.6	86.9	87.0	87.1	87.4
≥ 1500	37.4	72.6	77.9	83.0	85.3	85.7	87.2	87.7	87.8	88.3	88.6	88.6	88.9	88.9	89.0	89.3
≥ 1200	37.9	73.6	79.1	84.4	87.0	87.4	89.0	89.6	89.6	90.2	90.5	90.5	90.8	90.8	90.9	91.2
≥ 1000	38.1	74.1	79.8	85.3	88.0	88.3	90.1	90.6	90.7	91.3	91.6	91.6	91.9	91.9	92.0	92.3
≥ 900	38.1	74.4	80.1	85.8	88.7	89.1	90.9	91.5	91.5	92.2	92.3	92.5	92.8	92.9	93.0	93.3
≥ 800	38.1	74.6	80.6	86.5	89.4	89.9	91.8	92.4	92.4	93.1	93.5	93.5	93.8	93.8	93.9	94.2
≥ 700	38.1	74.8	80.8	86.8	89.9	90.4	92.4	93.1	93.1	93.8	94.1	94.1	94.4	94.5	94.5	94.9
≥ 600	38.1	74.9	81.0	87.2	90.5	91.0	93.1	93.9	94.0	94.8	95.2	95.2	95.5	95.5	95.6	95.9
≥ 500	38.1	75.1	81.4	87.7	91.1	91.6	93.9	94.8	94.9	95.8	96.2	96.2	96.5	96.5	96.6	97.0
≥ 400	38.2	75.2	81.4	88.0	91.4	92.0	94.5	95.3	95.5	96.5	96.9	96.9	97.2	97.3	97.4	97.8
≥ 300	38.2	75.2	81.5	88.1	91.7	92.3	94.9	95.8	96.1	97.3	97.8	97.8	98.1	98.1	98.2	98.7
≥ 200	38.2	75.2	81.5	88.1	91.8	92.4	95.1	96.0	96.4	97.6	98.2	98.2	98.5	98.5	98.7	99.1
≥ 100	38.2	75.2	81.5	88.1	91.8	92.4	95.1	96.0	96.4	97.6	98.3	98.3	98.6	98.7	98.9	99.5
≥ 0	38.2	75.2	81.5	88.1	91.8	92.4	95.1	96.0	96.4	97.6	98.3	98.3	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3137

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.2	43.4	47.6	50.5	52.4	52.5	53.8	54.0	54.1	54.4	54.5	54.5	54.8	54.9	54.9	55.1
≥ 20000	24.2	45.4	49.8	53.0	54.9	55.0	56.4	56.7	56.8	57.1	57.3	57.3	57.6	57.6	57.7	57.9
≥ 18000	24.2	45.4	49.8	53.0	54.9	55.0	56.4	56.7	56.8	57.1	57.3	57.3	57.6	57.6	57.7	57.9
≥ 16000	24.4	45.6	50.0	53.2	55.1	55.3	56.7	57.0	57.0	57.4	57.5	57.5	57.8	57.8	57.9	58.1
≥ 14000	24.8	46.6	51.1	54.4	56.6	56.7	58.1	58.4	58.4	58.8	59.0	59.0	59.2	59.3	59.4	59.6
≥ 12000	25.4	48.1	52.9	56.3	58.5	58.6	60.1	60.4	60.4	60.8	60.9	60.9	61.2	61.2	61.3	61.5
≥ 10000	26.2	49.8	54.7	58.1	60.4	60.5	62.0	62.3	62.3	62.7	62.9	62.9	63.2	63.2	63.3	63.5
≥ 9000	26.6	50.5	55.4	58.5	61.2	61.3	62.8	63.1	63.2	63.6	63.7	63.7	64.0	64.0	64.1	64.3
≥ 8000	27.6	51.8	56.9	60.3	62.8	62.9	64.4	64.7	64.7	65.2	65.3	65.3	65.6	65.6	65.7	65.9
≥ 7000	28.4	53.2	58.3	62.0	64.4	64.5	66.0	66.3	66.4	66.8	67.0	67.0	67.3	67.3	67.4	67.6
≥ 6000	28.7	54.0	59.2	63.3	65.6	65.7	67.3	67.6	67.7	68.2	68.3	68.3	68.6	68.7	68.8	68.9
≥ 5000	29.4	56.0	61.3	65.8	68.2	68.3	69.9	70.3	70.3	70.9	71.0	71.0	71.3	71.4	71.5	71.7
≥ 4500	29.9	57.1	62.8	67.2	69.9	70.0	71.7	72.0	72.1	72.7	72.8	72.8	73.1	73.1	73.2	73.4
≥ 4000	30.6	59.3	65.1	69.9	72.5	72.7	74.4	74.7	74.8	75.3	75.6	75.6	75.9	75.9	76.0	76.2
≥ 3500	31.6	61.2	67.1	72.0	74.6	74.8	76.5	76.8	76.9	77.7	77.8	77.8	78.1	78.2	78.3	78.5
≥ 3000	32.2	62.9	69.0	73.9	76.6	76.8	78.6	78.9	79.0	79.7	79.9	79.9	80.2	80.2	80.3	80.5
≥ 2500	32.7	64.7	71.0	76.1	78.9	79.1	80.9	81.3	81.5	82.2	82.4	82.4	82.7	82.8	82.9	83.1
≥ 2000	33.8	66.8	73.4	78.7	81.7	81.9	83.8	84.2	84.3	85.1	85.3	85.3	85.7	85.7	85.8	86.0
≥ 1800	34.0	67.3	73.8	79.2	82.2	82.4	84.3	84.7	84.9	85.7	85.9	85.9	86.2	86.2	86.4	86.6
≥ 1500	34.3	68.4	75.1	80.5	83.9	84.1	86.1	86.4	86.6	87.4	87.7	87.7	88.0	88.0	88.1	88.3
≥ 1200	34.4	69.3	76.1	81.7	85.4	85.6	87.8	88.2	88.4	89.2	89.4	89.4	89.7	89.8	89.9	90.0
≥ 1000	34.5	69.7	76.7	82.6	86.5	86.7	89.0	89.4	89.6	90.4	90.6	90.6	91.0	91.0	91.2	91.3
≥ 900	34.6	70.2	77.5	83.5	87.5	87.7	90.1	90.5	90.7	91.5	91.8	91.8	92.1	92.1	92.3	92.5
≥ 800	34.7	70.6	78.1	84.3	88.4	88.6	91.0	91.5	91.8	92.6	92.8	92.8	93.1	93.2	93.3	93.5
≥ 700	34.7	70.9	78.6	84.9	89.2	89.7	92.2	92.7	93.0	93.8	94.0	94.0	94.4	94.5	94.6	94.8
≥ 600	34.7	71.0	78.7	85.2	89.7	90.1	92.7	93.4	93.6	94.5	94.8	94.8	95.1	95.2	95.4	95.5
≥ 500	34.7	71.1	78.8	85.4	89.9	90.4	93.2	93.9	94.2	95.2	95.4	95.4	95.9	96.0	96.1	96.3
≥ 400	34.7	71.2	78.8	85.7	90.3	90.9	94.1	94.7	95.1	96.1	96.4	96.4	96.8	96.9	97.1	97.4
≥ 300	34.7	71.2	78.9	85.7	90.6	91.2	94.5	95.3	95.8	96.9	97.2	97.3	97.8	97.9	98.1	98.4
≥ 200	34.7	71.2	78.9	85.7	90.6	91.2	94.5	95.5	95.9	97.1	97.6	97.6	98.2	98.3	98.6	98.9
≥ 100	34.7	71.2	78.9	85.7	90.6	91.2	94.5	95.5	95.9	97.2	97.6	97.6	98.3	98.5	98.7	99.1
0	34.7	71.2	78.9	85.7	90.6	91.2	94.5	95.5	95.9	97.2	97.6	97.7	98.3	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3143

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.9	30.0	34.6	38.7	42.2	42.7	44.4	45.1	45.4	46.8	47.6	47.6	48.1	48.1	48.4	49.0
≥ 20000	16.1	32.4	37.7	42.1	45.9	46.7	48.6	49.3	49.6	51.2	52.1	52.1	52.6	52.7	53.0	53.6
≥ 15000	16.2	32.6	37.9	42.4	46.1	46.9	48.8	49.5	49.8	51.4	52.3	52.3	52.9	52.9	53.2	53.8
≥ 16000	16.2	32.7	38.1	42.5	46.3	47.1	49.0	49.7	50.0	51.7	52.5	52.5	53.1	53.2	53.5	54.0
≥ 14000	16.3	33.2	38.7	43.2	47.0	47.8	49.8	50.5	50.9	52.5	53.5	53.5	54.1	54.1	54.5	55.0
≥ 12000	16.6	34.3	40.1	44.7	48.9	49.6	51.7	52.5	52.8	54.6	55.6	55.6	56.2	56.3	56.6	57.2
≥ 10000	17.2	36.2	42.2	47.0	51.3	52.2	54.3	55.2	55.5	57.3	58.4	58.4	58.9	59.0	59.3	59.9
≥ 9000	17.6	36.9	42.9	47.8	52.2	53.1	55.2	56.0	56.4	58.2	59.3	59.3	59.8	59.9	60.2	60.8
≥ 8000	18.3	38.1	44.3	49.4	54.0	54.8	57.0	57.9	58.3	60.1	61.1	61.1	61.7	61.8	62.1	62.7
≥ 7000	18.8	39.0	45.5	50.6	55.4	56.3	58.5	59.5	59.8	61.6	62.7	62.7	63.3	63.3	63.7	64.2
≥ 6000	19.6	40.3	47.0	52.3	57.2	58.1	60.4	61.4	61.7	63.6	64.6	64.6	65.2	65.2	65.6	66.1
≥ 5000	20.3	42.0	49.1	54.5	59.7	60.6	63.1	64.2	64.6	66.5	67.5	67.5	68.1	68.2	68.5	69.1
≥ 4500	20.8	43.1	50.4	56.1	61.4	62.3	64.8	65.9	66.3	68.2	69.3	69.3	69.8	69.9	70.2	70.8
≥ 4000	21.6	44.7	52.3	58.2	63.7	64.7	67.3	68.4	68.8	70.7	71.7	71.7	72.3	72.4	72.7	73.3
≥ 3500	22.2	46.5	54.2	60.2	65.9	66.9	69.6	70.8	71.1	73.1	74.2	74.2	74.8	74.9	75.2	75.8
≥ 3000	22.9	48.3	56.3	62.6	68.5	69.5	72.2	73.4	73.8	75.8	76.9	76.9	77.5	77.6	77.9	78.5
≥ 2500	23.6	49.9	58.1	64.6	70.6	71.6	74.5	75.7	76.1	78.2	79.3	79.3	79.9	80.0	80.4	80.9
≥ 2000	24.4	52.0	60.5	67.2	73.5	74.6	77.5	78.7	79.1	81.3	82.4	82.4	83.0	83.1	83.5	84.0
≥ 1800	24.6	52.4	60.9	67.6	74.0	75.1	78.0	79.3	79.7	81.8	82.9	82.9	83.6	83.6	84.0	84.6
≥ 1500	24.9	53.9	62.6	69.6	76.1	77.2	80.2	81.5	82.0	84.2	85.4	85.4	86.1	86.1	86.5	87.1
≥ 1200	25.1	55.1	64.1	71.4	78.3	79.4	82.5	84.0	84.4	86.7	87.9	87.9	88.5	88.6	89.0	89.6
≥ 1000	25.4	55.9	65.1	72.6	79.7	80.8	84.2	85.8	86.3	88.8	90.0	90.0	90.7	90.7	91.1	91.7
≥ 900	25.4	56.2	65.6	73.3	80.5	81.8	85.2	86.9	87.4	89.8	91.1	91.1	91.8	91.8	92.2	92.8
≥ 800	25.4	56.6	66.3	74.1	81.4	82.7	86.2	87.9	88.4	91.0	92.2	92.2	92.9	93.0	93.4	94.0
≥ 700	25.4	56.6	66.5	74.5	82.0	83.2	87.0	88.8	89.3	91.9	93.2	93.2	93.9	94.0	94.4	94.9
≥ 600	25.4	56.7	66.7	74.8	82.5	83.8	87.7	89.5	90.1	92.8	94.1	94.1	94.8	94.9	95.3	95.8
≥ 500	25.4	56.8	66.9	75.1	82.9	84.2	88.4	90.3	90.9	93.7	95.0	95.0	95.9	96.0	96.4	97.0
≥ 400	25.4	56.8	67.0	75.2	83.2	84.6	88.9	91.1	91.8	94.6	96.0	96.0	96.8	96.9	97.4	98.1
≥ 300	25.4	56.8	67.0	75.2	83.3	84.6	89.1	91.4	92.2	95.0	96.4	96.5	97.4	97.5	98.0	98.7
≥ 200	25.4	56.8	67.0	75.2	83.3	84.7	89.1	91.5	92.2	95.1	96.6	96.7	97.8	98.1	98.5	99.2
≥ 100	25.4	56.8	67.0	75.2	83.3	84.7	89.1	91.5	92.2	95.1	96.6	96.7	97.9	98.1	98.6	99.5
0	25.4	56.8	67.0	75.2	83.3	84.7	89.1	91.5	92.2	95.1	96.6	96.7	97.9	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3142

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.1	36.2	39.6	42.2	43.7	44.1	44.7	45.0	45.0	45.3	45.5	45.5	45.5	45.5	45.5	45.6
≥ 20000	21.9	41.2	45.3	48.2	50.0	50.4	51.3	51.5	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.3
≥ 18000	22.0	41.4	45.5	48.5	50.3	50.7	51.5	51.8	51.9	52.2	52.5	52.5	52.5	52.5	52.5	52.6
≥ 16000	22.3	42.1	46.4	49.4	51.2	51.5	52.4	52.6	52.7	53.1	53.3	53.3	53.4	53.4	53.4	53.5
≥ 14000	22.6	43.0	47.6	50.6	52.5	52.9	53.7	54.0	54.1	54.4	54.7	54.7	54.7	54.7	54.8	54.9
≥ 12000	23.0	44.3	49.3	52.3	54.6	54.9	55.8	56.1	56.2	56.6	56.9	56.9	56.9	56.9	57.0	57.1
≥ 10000	24.1	46.6	51.7	55.0	57.4	57.8	58.6	58.9	59.0	59.4	59.8	59.8	59.8	59.8	59.8	59.9
≥ 9000	24.4	47.0	52.2	55.6	58.0	58.4	59.3	59.6	59.7	60.2	60.5	60.5	60.5	60.5	60.6	60.7
≥ 8000	24.8	47.9	53.2	56.7	59.3	59.6	60.6	60.9	61.0	61.6	61.9	61.9	61.9	61.9	62.0	62.1
≥ 7000	25.2	48.8	54.2	58.0	60.6	60.9	62.0	62.3	62.4	62.9	63.3	63.3	63.3	63.3	63.3	63.4
≥ 6000	26.0	50.4	55.9	59.8	62.3	62.9	64.1	64.4	64.5	65.1	65.4	65.4	65.4	65.4	65.5	65.6
≥ 5000	26.5	51.6	57.4	61.5	64.4	64.9	66.2	66.5	66.6	67.3	67.6	67.6	67.6	67.6	67.7	67.8
≥ 4500	26.7	52.7	58.6	62.7	65.8	66.2	67.6	67.9	68.1	68.7	69.0	69.0	69.1	69.1	69.1	69.2
≥ 4000	27.3	53.9	60.3	64.6	67.7	68.2	69.6	70.0	70.1	70.7	71.1	71.1	71.1	71.1	71.2	71.3
≥ 3500	28.1	55.5	62.0	66.3	69.5	70.0	71.5	71.9	72.0	72.7	73.0	73.0	73.0	73.0	73.1	73.2
≥ 3000	29.2	57.6	64.2	68.6	72.0	72.7	74.2	74.6	74.7	75.4	75.8	75.8	75.8	75.8	75.9	76.0
≥ 2500	30.3	59.5	66.3	70.9	74.5	75.1	76.7	77.2	77.3	78.0	78.4	78.4	78.5	78.5	78.5	78.6
≥ 2000	31.2	62.2	69.4	74.2	78.1	78.7	80.5	81.1	81.3	82.0	82.4	82.4	82.5	82.5	82.5	82.6
≥ 1800	31.4	62.8	70.2	75.2	79.2	79.8	81.6	82.2	82.4	83.1	83.5	83.5	83.6	83.6	83.6	83.7
≥ 1500	32.2	65.3	73.4	78.3	82.7	83.4	85.3	85.8	86.0	86.8	87.2	87.2	87.3	87.3	87.3	87.4
≥ 1200	32.6	66.8	75.4	80.8	85.2	85.9	87.7	88.4	88.6	89.4	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1000	32.7	67.6	76.6	82.5	87.0	87.8	89.8	90.5	90.7	91.7	92.2	92.2	92.3	92.3	92.3	92.4
≥ 900	32.8	68.1	77.2	83.2	87.9	88.7	90.7	91.4	91.6	92.7	93.2	93.2	93.3	93.3	93.4	93.5
≥ 800	32.8	68.3	77.7	83.8	88.6	89.5	91.6	92.4	92.6	93.8	94.2	94.2	94.4	94.4	94.5	94.6
≥ 700	32.8	68.4	78.0	84.1	89.2	90.1	92.4	93.3	93.5	94.8	95.2	95.2	95.4	95.4	95.5	95.6
≥ 600	32.8	68.6	78.2	84.5	89.7	90.7	93.3	94.4	94.6	95.9	96.4	96.4	96.6	96.6	96.7	96.8
≥ 500	32.9	68.6	78.4	84.8	90.3	91.3	94.2	95.6	95.9	97.3	97.8	97.8	98.1	98.1	98.1	98.3
≥ 400	32.9	68.7	78.5	84.9	90.4	91.5	94.4	95.9	96.2	97.7	98.2	98.2	98.5	98.6	98.7	98.9
≥ 300	32.9	68.7	78.5	84.9	90.4	91.5	94.6	96.0	96.4	98.0	98.6	98.7	99.1	99.2	99.3	99.5
≥ 200	32.9	68.7	78.5	84.9	90.4	91.5	94.6	96.0	96.4	98.1	98.8	98.9	99.3	99.4	99.5	99.8
≥ 100	32.9	68.7	78.5	84.9	90.4	91.5	94.6	96.0	96.4	98.1	98.8	98.9	99.3	99.5	99.6	99.9
0	32.9	68.7	78.5	84.9	90.4	91.5	94.6	96.0	96.4	98.1	98.8	98.9	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3134

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.9	41.9	43.2	44.2	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.0	44.6	44.6
≥ 20000	32.6	49.3	51.3	52.0	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	33.0	49.8	51.7	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	33.4	50.5	52.5	53.8	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	33.9	51.7	53.8	55.1	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	34.8	53.5	55.8	57.3	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	36.0	55.3	57.7	59.2	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	36.4	55.9	58.4	59.9	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	37.1	57.0	59.5	61.2	61.7	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	37.6	58.5	61.1	62.9	63.5	63.5	63.7	63.7	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	38.5	59.9	62.7	64.5	65.3	65.3	65.5	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	39.1	61.3	64.2	66.1	66.8	66.8	67.0	67.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	39.7	62.3	65.3	67.3	68.1	68.1	68.3	68.3	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	40.0	64.5	67.7	69.7	70.5	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	42.1	66.8	70.1	72.2	73.1	73.2	73.4	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	43.7	69.9	73.4	75.5	76.4	76.5	76.7	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	45.2	73.3	77.1	79.6	80.6	80.7	80.9	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	46.3	76.1	80.2	83.0	84.3	84.4	84.8	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	46.6	76.8	81.0	83.9	85.2	85.3	85.8	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	47.4	79.1	83.7	86.9	88.5	88.6	89.1	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	47.6	80.3	85.5	89.2	91.0	91.2	91.8	91.9	91.9	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1000	47.7	81.1	86.4	90.5	92.4	92.7	93.5	93.6	93.6	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 900	47.8	81.4	86.9	91.3	93.3	93.6	94.4	94.5	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	47.8	81.6	87.2	91.7	93.8	94.2	95.1	95.3	95.3	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 700	47.8	81.8	87.4	92.1	94.4	94.9	95.9	96.2	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	47.8	81.9	87.5	92.3	94.9	95.5	96.6	96.9	97.0	97.6	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	47.8	81.9	87.7	92.6	95.4	96.2	97.4	97.9	98.0	98.6	98.9	98.9	99.1	99.1	99.2	99.2
≥ 400	47.8	82.0	87.7	92.6	95.5	96.2	97.5	98.1	98.2	98.8	99.2	99.2	99.4	99.4	99.5	99.5
≥ 300	47.8	82.0	87.7	92.6	95.5	96.3	97.6	98.3	98.4	99.1	99.6	99.6	99.7	99.8	99.8	99.8
≥ 200	47.8	82.0	87.7	92.6	95.5	96.3	97.6	98.4	98.5	99.2	99.6	99.6	99.8	99.8	99.9	99.9
≥ 100	47.8	82.0	87.7	92.6	95.5	96.3	97.6	98.4	98.5	99.2	99.7	99.7	99.9	99.9	100.0	100.0
0	47.8	82.0	87.7	92.6	95.5	96.3	97.6	98.4	98.5	99.2	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3137

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.9	43.8	45.0	45.9	46.4	46.5	46.7	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9
≥ 20000	29.6	51.1	52.6	53.6	54.4	54.5	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0
< 20000	31.8	51.5	53.1	54.1	54.9	55.0	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5
≥ 18000	34.2	52.0	53.7	54.7	55.5	55.6	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1
< 18000	34.7	53.1	54.8	55.9	56.7	56.8	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3
≥ 16000	35.9	55.0	57.0	58.1	59.0	59.1	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6
< 16000	36.9	56.9	59.1	60.4	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9
≥ 14000	37.3	57.5	59.7	61.0	61.9	62.0	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5
< 14000	38.0	58.8	61.1	62.4	63.4	63.5	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 12000	38.6	60.3	62.9	64.2	65.3	65.4	65.6	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0
< 12000	39.5	61.8	64.5	66.0	67.1	67.2	67.4	67.5	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8
≥ 10000	40.6	63.6	66.4	67.9	69.1	69.2	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9
< 10000	41.6	65.4	68.3	69.9	71.2	71.3	71.6	71.8	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1
≥ 9000	43.0	68.1	71.1	73.0	74.4	74.5	75.0	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4
< 9000	44.1	70.3	73.5	75.6	76.9	77.0	77.6	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 8000	45.6	73.3	76.7	79.2	80.6	80.7	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7
< 8000	46.7	75.6	79.5	82.2	83.7	83.8	84.4	84.5	84.5	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 7000	47.4	77.8	82.2	85.1	86.7	86.9	87.6	87.7	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1
< 7000	47.6	78.4	83.1	86.0	87.8	88.0	88.6	88.8	88.8	89.1	89.1	89.2	89.3	89.3	89.3	89.3
≥ 6000	47.8	79.7	84.9	88.0	90.1	90.3	91.1	91.2	91.3	91.6	91.7	91.8	91.9	91.9	91.9	91.9
< 6000	48.0	80.6	86.1	89.6	92.1	92.4	93.2	93.5	93.6	93.9	94.1	94.1	94.3	94.3	94.3	94.3
≥ 5000	48.0	81.0	86.6	90.4	93.0	93.2	94.1	94.5	94.6	94.9	95.2	95.2	95.3	95.4	95.4	95.4
< 5000	48.0	81.1	86.7	90.5	93.2	93.5	94.4	94.8	94.9	95.3	95.5	95.6	95.7	95.7	95.7	95.7
≥ 4500	48.0	81.3	86.9	90.8	93.8	94.1	95.2	95.8	95.9	96.3	96.6	96.6	96.7	96.8	96.8	96.8
< 4500	48.1	81.5	87.2	91.1	94.2	94.6	95.8	96.5	96.6	97.0	97.3	97.3	97.5	97.5	97.5	97.5
≥ 4000	48.1	81.5	87.3	91.3	94.5	95.0	96.3	97.1	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.4
< 4000	48.1	81.5	87.3	91.4	94.6	95.2	96.5	97.5	97.7	98.3	98.7	98.8	98.9	98.9	98.9	99.0
≥ 3500	48.1	81.5	87.3	91.5	94.7	95.3	96.6	97.7	97.9	98.5	99.0	99.1	99.3	99.3	99.3	99.4
< 3500	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.4	99.4	99.7	99.7	99.7	99.8
≥ 3000	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 3000	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 2500	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 2000	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 1800	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 1500	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 1200	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 1000	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 900	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 800	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 700	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 600	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 500	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 400	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 300	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
< 200	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
≥ 100	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0
0	48.1	81.5	87.3	91.5	94.7	95.3	96.7	97.9	98.1	98.9	99.5	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3138

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.8	47.2	49.2	51.1	51.9	52.0	52.5	52.6	52.6	52.7	52.8	52.8	52.9	52.9	52.9	52.9
≥ 20000	29.8	50.9	53.3	55.5	56.5	56.5	57.1	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	29.9	51.2	53.7	55.8	56.8	56.9	57.4	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	30.2	51.7	54.1	56.3	57.2	57.3	57.8	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3
≥ 14000	30.6	52.7	55.2	57.5	58.4	58.5	59.0	59.2	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5
≥ 12000	31.1	54.1	56.8	59.2	60.1	60.2	60.7	60.9	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2
≥ 10000	32.8	56.6	59.4	61.8	62.9	62.9	63.5	63.6	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	32.9	57.0	59.8	62.3	63.4	63.5	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.5
≥ 8000	33.5	58.4	61.2	63.8	64.9	65.0	65.5	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0
≥ 7000	34.1	59.7	62.6	65.3	66.5	66.5	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	35.1	61.5	64.5	67.5	68.8	68.9	69.5	69.6	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9
≥ 5000	36.4	63.7	66.8	69.9	71.3	71.3	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 4500	37.2	65.5	68.9	72.2	73.6	73.6	74.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7
≥ 4000	38.4	67.3	70.9	74.3	75.8	75.9	76.6	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1
≥ 3500	39.6	69.4	73.1	77.8	78.4	78.5	79.3	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8
≥ 3000	40.9	72.0	75.8	80.0	81.6	81.8	82.6	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1
≥ 2500	41.6	73.9	77.9	82.4	84.2	84.4	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	42.4	76.0	80.4	85.1	87.2	87.4	88.3	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1
≥ 1800	42.6	76.6	81.2	86.0	88.1	88.3	89.3	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	42.7	77.4	82.1	87.0	89.3	89.6	90.8	91.3	91.3	91.6	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1200	42.8	78.1	82.9	87.9	90.5	90.9	92.3	92.8	92.9	93.2	93.3	93.4	93.5	93.5	93.5	93.5
≥ 1000	43.0	78.6	83.5	88.6	91.5	92.0	93.6	94.2	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 900	43.0	78.6	83.5	88.7	91.6	92.2	94.0	94.6	94.7	95.2	95.2	95.3	95.4	95.4	95.4	95.4
≥ 800	43.0	78.7	83.6	88.9	91.9	92.5	94.5	95.1	95.2	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 700	43.0	78.8	83.8	89.3	92.5	93.2	95.2	96.0	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 600	43.0	78.9	84.0	89.5	92.9	93.7	95.8	96.6	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 500	43.0	78.9	84.2	89.8	93.3	94.1	96.2	97.2	97.3	98.2	98.4	98.4	98.5	98.5	98.6	98.6
≥ 400	43.0	79.0	84.2	90.0	93.6	94.5	96.8	97.8	97.9	98.8	99.0	99.0	99.2	99.2	99.3	99.3
≥ 300	43.0	79.0	84.2	90.0	93.6	94.5	96.9	97.9	98.1	99.1	99.3	99.3	99.5	99.5	99.5	99.6
≥ 200	43.0	79.0	84.2	90.1	93.7	94.6	97.0	98.1	98.3	99.3	99.5	99.5	99.7	99.8	99.8	99.8
≥ 100	43.0	79.0	84.2	90.1	93.7	94.6	97.0	98.1	98.3	99.3	99.5	99.6	99.7	99.8	99.9	100.0
≥ 0	43.0	79.0	84.2	90.1	93.7	94.6	97.0	98.1	98.3	99.3	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3136

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13302 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
		≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.6	46.9	49.1	51.1	52.7	52.8	53.5	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.1	54.1
≥ 20000	27.4	50.3	52.6	55.0	56.8	56.9	57.7	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.2
≥ 18000	27.6	50.6	52.8	55.2	57.0	57.2	57.9	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.5	58.5
≥ 16000	27.7	50.9	53.2	55.6	57.4	57.5	58.3	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8
≥ 14000	28.2	52.1	54.4	56.9	58.7	58.8	59.6	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1
≥ 12000	28.8	53.5	55.8	58.4	60.2	60.4	61.1	61.3	61.3	61.4	61.5	61.5	61.6	61.6	61.7	61.7
≥ 10000	30.2	55.5	57.9	60.6	62.4	62.6	63.3	63.5	63.6	63.6	63.8	63.8	63.8	63.8	63.9	63.9
≥ 9000	30.5	56.4	58.8	61.5	63.4	63.5	64.3	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.9	64.9
≥ 8000	31.4	57.8	60.3	63.0	64.9	65.1	65.8	66.1	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4
≥ 7000	32.0	59.1	61.6	64.6	66.6	66.7	67.5	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1
≥ 6000	32.6	61.0	63.6	66.6	68.6	68.7	69.5	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1
≥ 5000	33.9	63.2	66.0	69.2	71.3	71.4	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9
≥ 4500	34.6	64.8	67.8	71.2	73.2	73.4	74.4	74.6	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.0
≥ 4000	35.6	66.7	70.0	73.6	75.7	75.8	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6
≥ 3500	36.6	68.6	72.2	75.9	78.0	78.2	79.2	79.6	79.6	79.8	79.9	79.9	79.9	79.9	80.0	80.0
≥ 3000	37.9	70.8	74.7	78.7	80.9	81.1	82.2	82.5	82.5	82.7	82.8	82.8	82.9	82.9	83.0	83.0
≥ 2500	38.7	72.7	77.0	81.1	83.4	83.6	84.8	85.1	85.1	85.3	85.5	85.5	85.6	85.6	85.6	85.6
≥ 2000	39.3	75.0	79.6	83.9	86.4	86.6	88.1	88.5	88.5	88.8	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1800	39.5	75.3	79.9	84.2	86.8	87.0	88.5	89.0	89.0	89.3	89.4	89.5	89.6	89.6	89.6	89.6
≥ 1500	39.8	76.2	80.9	85.3	88.0	88.3	89.9	90.4	90.4	90.7	90.8	90.9	91.0	91.0	91.0	91.0
≥ 1200	40.1	77.1	82.0	86.5	89.6	89.8	91.7	92.2	92.2	92.6	92.7	92.7	92.8	92.8	92.9	92.9
≥ 1000	40.2	77.5	82.6	87.2	90.4	90.7	92.8	93.3	93.3	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥ 900	40.2	77.6	82.8	87.5	90.8	91.1	93.3	93.8	93.8	94.2	94.4	94.4	94.5	94.5	94.6	94.6
≥ 800	40.2	77.7	83.0	87.7	91.1	91.5	93.7	94.2	94.2	94.7	94.8	94.8	94.9	94.9	95.0	95.0
≥ 700	40.3	77.9	83.4	88.3	91.8	92.3	94.5	95.0	95.1	95.5	95.7	95.7	95.8	95.8	95.9	95.9
≥ 600	40.3	77.9	83.5	88.5	92.0	92.6	94.9	95.4	95.5	96.1	96.2	96.3	96.4	96.4	96.4	96.4
≥ 500	40.3	78.0	83.6	88.7	92.4	92.9	95.5	96.2	96.3	97.1	97.2	97.3	97.4	97.4	97.5	97.5
≥ 400	40.3	78.1	83.8	89.0	92.8	93.4	96.1	96.9	97.0	98.0	98.1	98.1	98.2	98.3	98.5	98.5
≥ 300	40.3	78.2	83.8	89.1	92.9	93.7	96.6	97.5	97.6	98.8	98.9	98.9	99.1	99.2	99.3	99.3
≥ 200	40.3	78.2	83.8	89.1	93.0	93.7	96.6	97.5	97.7	98.9	99.0	99.1	99.3	99.4	99.6	99.7
≥ 100	40.3	78.2	83.8	89.1	93.0	93.7	96.6	97.5	97.7	98.9	99.1	99.2	99.5	99.6	99.9	100.0
0	40.3	78.2	83.8	89.1	93.0	93.7	96.6	97.5	97.7	98.9	99.1	99.2	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3141

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.6	37.0	40.9	44.2	46.4	46.9	48.0	48.3	48.4	48.9	49.1	49.1	49.2	49.2	49.3	49.5
≥ 20000	19.8	39.3	43.3	46.8	49.1	49.6	51.0	51.3	51.4	51.9	52.1	52.1	52.2	52.3	52.3	52.5
≥ 18000	19.9	39.5	43.5	47.0	49.3	49.9	51.2	51.5	51.6	52.1	52.3	52.4	52.5	52.5	52.5	52.7
≥ 16000	19.9	39.7	43.7	47.2	49.7	50.2	51.6	51.9	51.9	52.5	52.7	52.7	52.8	52.8	52.9	53.0
≥ 14000	20.4	40.9	44.9	48.5	50.9	51.4	52.8	53.1	53.2	53.7	53.9	53.9	54.0	54.1	54.1	54.3
≥ 12000	20.9	42.2	46.4	50.1	52.6	53.2	54.6	54.9	55.0	55.5	55.7	55.8	55.9	55.9	55.9	56.1
≥ 10000	21.7	43.9	48.3	52.1	54.6	55.1	56.6	57.0	57.0	57.6	57.8	57.8	57.9	57.9	57.9	58.1
≥ 9000	22.0	44.4	48.8	52.6	55.2	55.7	57.2	57.5	57.6	58.2	58.4	58.4	58.5	58.5	58.6	58.8
≥ 8000	22.5	45.5	50.0	53.9	56.4	57.0	58.5	58.8	58.9	59.5	59.7	59.7	59.8	59.8	59.9	60.0
≥ 7000	23.0	46.4	50.9	54.9	57.6	58.1	59.7	60.0	60.1	60.6	60.9	60.9	61.0	61.0	61.0	61.2
≥ 6000	23.7	47.7	52.4	56.4	59.3	59.8	61.4	61.8	61.9	62.4	62.6	62.7	62.8	62.8	62.8	63.0
≥ 5000	24.3	48.8	53.7	57.7	60.6	61.2	62.8	63.2	63.2	63.8	64.0	64.0	64.1	64.2	64.2	64.4
≥ 4500	24.6	49.8	54.7	58.7	61.7	62.3	63.9	64.3	64.3	65.0	65.2	65.2	65.3	65.4	65.4	65.6
≥ 4000	25.0	51.2	56.2	60.3	63.4	63.9	65.6	66.0	66.0	66.7	67.0	67.0	67.1	67.1	67.2	67.3
≥ 3500	25.3	52.4	57.5	62.0	65.2	65.8	67.5	67.9	68.0	68.6	68.9	68.9	69.1	69.1	69.1	69.3
≥ 3000	26.0	53.9	59.2	63.8	67.2	68.0	69.7	70.1	70.2	70.9	71.2	71.3	71.4	71.4	71.4	71.6
≥ 2500	26.9	56.5	62.0	66.7	70.5	71.3	73.1	73.5	73.6	74.4	74.7	74.8	74.9	75.0	75.0	75.2
≥ 2000	28.0	59.8	65.6	70.7	74.8	75.7	77.5	78.0	78.1	79.0	79.4	79.4	79.6	79.6	79.6	79.8
≥ 1800	28.2	60.4	66.2	71.5	75.8	76.7	78.5	79.0	79.1	80.0	80.4	80.4	80.6	80.6	80.6	80.8
≥ 1500	28.7	62.1	68.2	74.2	78.7	79.6	81.6	82.2	82.3	83.2	83.6	83.7	83.8	83.9	83.9	84.1
≥ 1200	29.4	64.0	70.5	76.7	81.6	82.5	84.7	85.4	85.5	86.4	86.8	86.8	87.0	87.1	87.1	87.3
≥ 1000	29.5	64.6	71.3	77.8	82.8	83.7	85.9	86.7	86.9	87.8	88.2	88.3	88.5	88.5	88.6	88.8
≥ 900	29.6	64.8	71.6	78.5	83.7	84.6	86.8	87.6	87.8	88.8	89.3	89.3	89.5	89.6	89.6	89.8
≥ 800	29.6	65.1	72.2	79.1	84.6	85.5	88.2	89.0	89.2	90.3	90.8	90.9	91.1	91.1	91.2	91.4
≥ 700	29.7	65.6	72.7	79.8	85.4	86.4	89.2	90.0	90.2	91.3	91.8	91.8	92.1	92.2	92.2	92.4
≥ 600	29.7	65.7	73.0	80.2	86.0	87.1	90.3	91.2	91.4	92.6	93.2	93.3	93.5	93.6	93.7	93.9
≥ 500	29.7	65.8	73.1	80.4	86.5	87.6	91.3	92.3	92.6	94.0	94.6	94.7	95.1	95.2	95.2	95.5
≥ 400	29.7	65.9	73.2	80.5	86.7	87.9	91.9	93.2	93.5	95.0	95.7	95.8	96.3	96.4	96.4	96.8
≥ 300	29.7	65.9	73.3	80.6	86.8	88.0	92.2	93.5	93.9	95.5	96.3	96.4	96.9	97.0	97.1	97.4
≥ 200	29.7	66.0	73.3	80.6	86.9	88.1	92.3	93.8	94.3	96.2	97.0	97.2	97.8	97.9	98.0	98.3
≥ 100	29.7	66.0	73.3	80.6	86.9	88.1	92.3	93.8	94.3	96.3	97.2	97.4	98.1	98.3	98.4	99.1
0	29.7	66.0	73.3	80.6	86.9	88.1	92.3	93.8	94.3	96.3	97.2	97.4	98.2	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L S T))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.0	35.6	39.2	42.1	44.9	45.1	46.4	46.6	46.7	47.1	47.2	47.3	47.4	47.4	47.5	47.8
≥ 20000	19.0	37.8	41.7	45.1	48.0	48.3	49.7	50.0	50.0	50.6	50.6	50.7	50.8	50.9	50.9	51.3
≥ 18000	19.2	38.2	42.1	45.4	48.3	48.6	50.0	50.3	50.3	50.9	51.0	51.0	51.1	51.2	51.2	51.6
≥ 16000	19.3	38.4	42.3	45.6	48.5	48.9	50.2	50.5	50.6	51.1	51.2	51.3	51.4	51.4	51.5	51.8
≥ 14000	19.6	39.3	43.2	46.5	49.4	49.8	51.2	51.5	51.5	52.0	52.1	52.2	52.4	52.4	52.4	52.8
≥ 12000	19.9	40.6	44.6	48.1	51.0	51.4	52.8	53.1	53.1	53.6	53.7	53.8	54.0	54.0	54.0	54.4
≥ 10000	20.6	42.2	46.4	50.0	53.2	53.5	54.9	55.2	55.3	55.8	55.9	56.0	56.1	56.1	56.2	56.5
≥ 9000	20.8	42.7	46.9	50.7	53.9	54.2	55.7	55.9	56.0	56.5	56.6	56.7	56.8	56.8	56.9	57.2
≥ 8000	21.1	43.3	47.5	51.3	54.6	54.9	56.5	56.7	56.8	57.3	57.4	57.5	57.6	57.6	57.7	58.0
≥ 7000	21.6	44.7	48.9	52.8	56.1	56.5	58.1	58.3	58.4	58.9	59.0	59.1	59.2	59.2	59.3	59.6
≥ 6000	22.1	46.0	50.5	54.6	57.9	58.3	59.9	60.2	60.3	60.8	60.9	61.0	61.1	61.2	61.2	61.6
≥ 5000	22.7	47.8	52.4	56.6	60.0	60.4	62.0	62.3	62.4	63.0	63.0	63.1	63.3	63.3	63.3	63.7
≥ 4500	23.2	48.9	53.6	57.9	61.4	61.8	63.4	63.7	63.7	64.3	64.4	64.5	64.6	64.7	64.7	65.1
≥ 4000	23.8	50.2	54.9	59.3	62.9	63.3	64.9	65.3	65.3	66.0	66.0	66.1	66.3	66.3	66.4	66.7
≥ 3500	24.1	51.3	56.2	60.8	64.6	65.0	66.7	67.0	67.1	67.7	67.8	67.9	68.0	68.1	68.2	68.5
≥ 3000	24.9	52.9	57.9	62.6	66.6	67.1	68.9	69.3	69.3	70.0	70.1	70.2	70.3	70.4	70.5	70.8
≥ 2500	25.9	55.1	60.4	65.4	69.6	70.2	72.1	72.5	72.5	73.2	73.3	73.5	73.6	73.7	73.7	74.1
≥ 2000	26.8	58.1	63.6	69.0	73.5	74.1	76.2	76.6	76.7	77.3	77.5	77.6	77.7	77.8	77.9	78.2
≥ 1800	26.9	58.8	64.5	70.1	74.7	75.3	77.3	77.8	77.8	78.5	78.7	78.8	78.9	79.0	79.1	79.4
≥ 1500	27.5	60.7	66.7	72.4	77.5	78.1	80.4	80.8	80.9	81.6	81.7	81.8	82.0	82.0	82.1	82.5
≥ 1200	28.0	62.2	68.5	74.8	80.3	80.9	83.5	84.0	84.0	84.8	84.9	85.0	85.2	85.3	85.3	85.7
≥ 1000	28.0	63.0	69.6	76.3	82.3	82.9	85.8	86.4	86.5	87.3	87.5	87.6	87.8	87.9	87.9	88.3
≥ 900	28.1	63.3	69.9	76.7	82.9	83.5	86.5	87.2	87.3	88.2	88.4	88.5	88.7	88.8	88.9	89.2
≥ 800	28.2	63.6	70.3	77.3	83.7	84.3	87.7	88.3	88.4	89.3	89.5	89.6	89.9	90.0	90.0	90.4
≥ 700	28.3	64.2	71.0	78.3	84.9	85.5	89.0	89.7	89.8	90.7	90.9	91.0	91.3	91.4	91.4	91.8
≥ 600	28.4	64.3	71.3	78.8	85.6	86.3	90.2	91.0	91.1	92.1	92.3	92.4	92.7	92.8	92.9	93.3
≥ 500	28.4	64.3	71.6	79.1	86.3	87.2	91.4	92.4	92.6	93.8	94.1	94.2	94.5	94.6	94.7	95.1
≥ 400	28.4	64.4	71.6	79.3	86.5	87.4	91.9	92.9	93.1	94.5	94.9	95.0	95.3	95.4	95.5	96.0
≥ 300	28.4	64.4	71.7	79.3	86.6	87.6	92.2	93.4	93.8	95.4	95.9	96.0	96.4	96.6	96.8	97.2
≥ 200	28.4	64.5	71.8	79.5	86.8	87.8	92.5	93.8	94.2	95.9	96.5	96.7	97.2	97.4	97.6	98.
≥ 100	28.4	64.5	71.8	79.5	86.8	87.8	92.5	93.8	94.2	95.9	96.6	96.7	97.3	97.6	97.9	98.
≥ 0	28.4	64.5	71.8	79.5	86.8	87.8	92.5	93.8	94.2	95.9	96.6	96.8	97.4	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3234

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.8	26.8	29.6	33.0	35.6	35.9	37.3	37.7	37.8	39.0	39.5	39.5	40.1	40.1	40.2	40.4
≥ 20000	12.8	29.6	32.9	36.8	39.9	40.2	42.1	42.6	42.8	44.2	44.8	44.8	45.5	45.5	45.6	45.9
≥ 18000	12.9	29.7	33.0	37.0	40.0	40.3	42.2	42.7	42.9	44.3	44.9	45.0	45.6	45.6	45.7	46.0
≥ 16000	13.1	30.0	33.3	37.3	40.3	40.7	42.5	43.0	43.2	44.6	45.3	45.3	46.0	46.0	46.1	46.4
≥ 14000	13.4	30.8	34.1	38.2	41.3	41.7	43.7	44.3	44.5	45.9	46.5	46.6	47.2	47.2	47.3	47.6
≥ 12000	14.0	32.3	35.9	40.1	43.5	43.9	45.9	46.5	46.8	48.2	48.9	49.0	49.6	49.6	49.7	50.0
≥ 10000	14.6	33.9	37.8	42.3	45.7	46.2	48.3	49.0	49.2	50.6	51.4	51.4	52.1	52.1	52.2	52.4
≥ 9000	14.7	34.2	38.2	42.7	46.2	46.7	48.8	49.5	49.7	51.2	51.9	51.9	52.6	52.6	52.7	53.0
≥ 8000	15.1	35.6	39.7	44.3	48.0	48.5	50.7	51.3	51.6	53.2	53.9	54.0	54.6	54.6	54.7	55.0
≥ 7000	15.5	36.6	40.9	45.7	49.5	50.0	52.2	52.8	53.1	54.7	55.4	55.5	56.1	56.1	56.2	56.5
≥ 6000	15.8	37.7	42.2	47.3	51.2	51.7	54.0	54.7	55.0	56.6	57.3	57.4	58.1	58.1	58.2	58.5
≥ 5000	16.4	39.4	44.1	49.4	53.3	53.9	56.2	56.9	57.2	58.9	59.7	59.7	60.4	60.4	60.5	60.8
≥ 4500	16.7	40.2	45.0	50.3	54.3	54.9	57.2	58.0	58.3	59.9	60.7	60.7	61.4	61.4	61.5	61.8
≥ 4000	17.4	41.7	46.6	52.0	56.1	56.7	59.1	59.8	60.1	61.8	62.6	62.6	63.3	63.3	63.4	63.7
≥ 3500	17.6	42.7	47.8	53.2	57.5	58.1	60.5	61.2	61.6	63.3	64.0	64.1	64.8	64.8	64.9	65.2
≥ 3000	18.2	44.2	49.5	55.1	59.5	60.1	62.7	63.4	63.8	65.5	66.3	66.3	67.1	67.1	67.1	67.5
≥ 2500	18.8	46.2	51.9	57.6	62.4	63.1	65.8	66.7	67.0	68.8	69.6	69.6	70.4	70.4	70.5	70.8
≥ 2000	20.0	49.4	55.5	61.6	66.7	67.4	70.4	71.4	71.7	73.7	74.5	74.5	75.3	75.3	75.4	75.7
≥ 1800	20.1	50.3	56.5	62.9	68.1	68.8	71.9	72.9	73.2	75.2	76.0	76.0	76.8	76.8	76.9	77.3
≥ 1500	20.5	52.1	58.5	65.2	70.7	71.7	74.9	75.9	76.2	78.3	79.1	79.1	80.0	80.0	80.1	80.5
≥ 1200	20.9	53.9	60.7	67.8	73.8	74.7	78.2	79.3	79.6	81.7	82.5	82.6	83.5	83.5	83.7	84.1
≥ 1000	21.0	55.0	62.3	69.8	76.1	77.1	80.8	82.0	82.4	84.6	85.6	85.6	86.6	86.6	86.8	87.2
≥ 900	21.0	55.1	62.5	70.1	76.6	77.6	81.4	82.6	83.0	85.3	86.3	86.3	87.4	87.4	87.5	87.9
≥ 800	21.2	55.5	63.1	70.8	77.4	78.4	82.4	83.7	84.1	86.5	87.6	87.7	88.7	88.7	88.9	89.3
≥ 700	21.2	55.8	63.6	71.4	78.4	79.5	83.8	85.3	85.7	88.2	89.3	89.3	90.4	90.4	90.6	91.0
≥ 600	21.2	56.0	63.8	71.7	79.1	80.4	84.9	86.5	87.0	89.4	90.6	90.7	91.8	91.8	92.0	92.4
≥ 500	21.2	56.0	64.0	72.1	79.8	81.1	86.1	88.0	88.5	91.2	92.6	92.7	93.9	94.0	94.2	94.6
≥ 400	21.2	56.0	64.1	72.3	80.0	81.5	86.6	88.7	89.2	92.1	93.6	93.8	95.0	95.1	95.6	95.9
≥ 300	21.2	56.1	64.1	72.4	80.2	81.6	86.9	89.1	89.7	92.8	94.5	94.6	96.1	96.3	96.7	97.2
≥ 200	21.2	56.1	64.1	72.4	80.2	81.6	86.9	89.3	90.0	93.2	95.1	95.3	96.8	97.1	97.5	98.1
≥ 100	21.2	56.1	64.1	72.4	80.2	81.6	86.9	89.3	90.0	93.2	95.1	95.3	96.9	97.3	97.9	98.8
0	21.2	56.1	64.1	72.4	80.2	81.6	86.9	89.3	90.0	93.2	95.2	95.3	97.0	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3242

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.9	29.6	31.7	34.5	36.1	36.3	37.1	37.4	37.5	38.1	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	16.9	34.6	37.3	40.6	43.1	43.3	44.4	44.8	44.9	45.8	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	16.9	34.9	37.8	41.1	43.5	43.7	44.8	45.2	45.3	46.2	46.4	46.4	46.5	46.5	46.5	46.5
≥ 16000	17.2	35.4	38.3	41.6	44.0	44.2	45.3	45.7	45.8	46.7	46.9	46.9	47.0	47.0	47.0	47.0
≥ 14000	17.4	36.2	39.3	42.7	45.1	45.4	46.6	47.0	47.1	48.0	48.2	48.2	48.3	48.3	48.3	48.3
≥ 12000	18.0	37.5	40.7	44.3	46.8	47.1	48.3	48.7	48.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	18.7	39.6	43.3	47.0	49.7	50.0	51.2	51.6	51.6	52.6	52.8	52.8	52.9	52.9	52.9	52.9
≥ 9000	18.9	40.2	44.0	47.8	50.5	50.8	52.0	52.4	52.5	53.4	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	19.2	41.2	45.2	49.2	52.1	52.4	53.6	54.1	54.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	19.6	42.5	46.6	50.7	53.6	54.0	55.2	55.6	55.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	20.0	43.5	48.0	52.1	55.3	55.6	56.9	57.4	57.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	20.4	44.6	49.3	53.7	56.9	57.3	58.6	59.2	59.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4500	20.6	45.0	49.8	54.2	57.4	57.8	59.1	59.8	59.9	60.9	61.1	61.1	61.2	61.2	61.2	61.2
≥ 4000	21.0	46.3	51.4	55.9	59.2	59.7	61.1	61.8	61.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2
≥ 3500	21.3	47.4	52.5	57.3	60.7	61.1	62.6	63.3	63.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3000	21.8	48.7	54.1	58.9	62.6	63.2	64.7	65.4	65.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8
≥ 2500	22.2	50.1	55.9	61.1	65.1	65.7	67.4	68.3	68.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	23.2	53.2	59.8	65.4	70.0	70.7	72.6	73.5	73.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	23.5	54.1	60.9	66.7	71.4	72.1	74.1	75.1	75.2	76.4	76.7	76.7	76.8	76.8	76.8	76.8
≥ 1500	24.1	55.8	63.1	69.2	74.5	75.3	77.6	78.7	78.8	80.0	80.4	80.4	80.5	80.5	80.5	80.5
≥ 1200	24.3	57.2	65.2	71.9	77.7	78.7	81.2	82.4	82.5	84.1	84.5	84.5	84.6	84.6	84.6	84.6
≥ 1000	24.4	57.9	66.2	73.3	79.4	80.6	83.4	84.7	84.8	86.4	86.9	86.9	87.0	87.0	87.0	87.0
≥ 900	24.4	58.2	66.7	73.9	80.2	81.4	84.3	85.7	85.9	87.6	88.1	88.1	88.2	88.2	88.2	88.2
≥ 800	24.5	58.5	67.3	74.8	81.4	82.7	85.7	87.2	87.4	89.3	89.9	89.9	90.0	90.0	90.0	90.0
≥ 700	24.6	58.8	67.8	75.5	82.6	84.1	87.2	88.8	89.1	91.2	91.8	91.8	92.0	92.1	92.1	92.1
≥ 600	24.7	59.0	68.3	76.3	83.4	84.9	88.3	90.2	90.5	92.7	93.4	93.4	93.7	93.8	93.8	93.8
≥ 500	24.7	59.2	68.5	76.6	83.9	85.4	89.0	91.1	91.4	93.9	94.9	94.9	95.3	95.4	95.5	95.5
≥ 400	24.7	59.2	68.5	76.6	83.9	85.4	89.2	91.7	92.1	94.8	96.0	96.0	96.7	96.8	97.0	97.0
≥ 300	24.7	59.2	68.5	76.7	84.0	85.5	89.3	92.1	92.5	95.5	96.9	96.9	97.9	98.1	98.3	98.3
≥ 200	24.7	59.2	68.5	76.7	84.0	85.5	89.3	92.1	92.6	95.7	97.2	97.3	98.4	98.6	98.9	99.0
≥ 100	24.7	59.2	68.5	76.7	84.0	85.5	89.3	92.1	92.6	95.7	97.3	97.3	98.6	98.8	99.1	99.5
≥ 0	24.7	59.2	68.5	76.7	84.0	85.5	89.3	92.1	92.6	95.7	97.3	97.3	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3245

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.6	34.3	35.9	37.5	38.3	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	24.8	41.2	43.3	45.1	46.2	46.3	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	24.7	41.6	43.7	45.5	46.6	46.7	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	24.9	41.9	44.0	45.8	46.9	47.0	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	25.7	43.4	45.5	47.4	48.6	48.7	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	26.7	45.1	47.3	49.4	50.6	50.7	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 10000	27.7	47.3	49.9	52.0	53.3	53.4	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 9000	28.0	47.9	50.5	52.9	54.1	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	28.5	49.0	51.8	54.3	55.6	55.8	56.1	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5
≥ 7000	28.9	50.2	53.2	55.8	57.2	57.3	57.7	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	29.3	51.2	54.3	57.0	58.5	58.7	59.2	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6
≥ 5000	29.8	52.3	55.6	58.5	60.1	60.2	60.8	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	29.9	52.9	56.3	59.3	60.8	61.0	61.6	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2
≥ 4000	30.2	54.2	57.8	61.0	62.7	62.9	63.5	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 3500	30.8	55.8	59.6	63.0	64.8	65.0	65.7	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	31.2	57.3	61.3	64.9	66.9	67.0	67.8	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5
≥ 2500	32.1	59.7	64.2	68.0	70.2	70.4	71.3	71.7	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1
≥ 2000	33.2	63.3	68.1	72.3	75.2	75.4	76.5	76.9	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.3
≥ 1800	33.4	64.0	69.0	73.3	76.4	76.6	77.7	78.1	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 1500	34.0	66.0	71.8	76.4	80.1	80.5	81.7	82.2	82.2	82.5	82.6	82.6	82.7	82.7	82.7	82.7
≥ 1200	34.3	67.7	73.7	79.1	83.2	83.9	85.3	85.8	85.9	86.2	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1000	34.4	68.6	74.8	80.5	85.1	85.8	87.5	88.1	88.2	88.8	89.1	89.1	89.2	89.2	89.2	89.2
≥ 900	34.4	68.9	75.3	81.2	85.8	86.5	88.4	89.2	89.3	89.9	90.2	90.2	90.4	90.4	90.4	90.4
≥ 800	34.4	69.2	75.9	81.9	86.5	87.3	89.6	90.6	90.7	91.4	91.8	91.8	92.0	92.0	92.0	92.0
≥ 700	34.6	69.5	76.6	82.7	87.6	88.5	91.0	92.0	92.2	93.1	93.6	93.6	93.8	93.8	93.8	93.9
≥ 600	34.6	69.6	76.8	83.1	88.0	89.0	91.6	92.8	93.0	94.1	94.8	94.9	95.1	95.1	95.2	95.2
≥ 500	34.7	69.7	76.9	83.3	88.4	89.4	92.2	93.6	93.9	95.2	96.1	96.1	96.4	96.5	96.6	96.6
≥ 400	34.7	69.8	77.0	83.4	88.5	89.5	92.6	94.3	94.7	96.2	97.3	97.3	97.7	97.8	98.0	98.0
≥ 300	34.7	69.8	77.0	83.4	88.5	89.5	92.7	94.5	94.9	96.8	98.0	98.1	98.5	98.6	98.9	98.9
≥ 200	34.7	69.8	77.0	83.4	88.5	89.5	92.7	94.5	94.9	96.8	98.2	98.2	98.8	98.9	99.3	99.4
≥ 100	34.7	69.8	77.0	83.4	88.5	89.5	92.7	94.5	94.9	96.8	98.2	98.3	98.8	99.0	99.5	99.7
0	34.7	69.8	77.0	83.4	88.5	89.5	92.7	94.5	94.9	96.8	98.2	98.3	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3240

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.8	35.5	37.1	38.6	39.5	39.5	40.0	40.2	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	24.7	41.7	43.9	45.8	47.0	47.0	47.6	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	25.1	42.3	44.5	46.5	47.6	47.7	48.2	48.4	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	25.2	42.5	44.8	46.8	47.9	47.9	48.5	48.6	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	26.0	43.8	46.1	48.1	49.3	49.3	49.9	50.0	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	27.2	45.7	48.1	50.2	51.5	51.6	52.2	52.3	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000	28.3	47.8	50.4	52.6	53.9	54.0	54.6	54.8	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	28.7	48.6	51.2	53.5	54.8	54.8	55.4	55.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 8000	29.1	50.0	52.7	55.1	56.4	56.5	57.1	57.3	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6
≥ 7000	29.7	51.4	54.3	56.7	58.2	58.3	59.0	59.2	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7
≥ 6000	30.2	52.4	55.4	58.0	59.6	59.7	60.4	60.6	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	30.7	53.9	57.1	59.9	61.7	61.8	62.5	62.7	62.8	63.0	63.2	63.2	63.3	63.3	63.3	63.3
≥ 4500	31.1	54.7	57.9	60.8	62.6	62.7	63.4	63.6	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2
≥ 4000	31.6	56.0	59.4	62.4	64.5	64.6	65.4	65.6	65.7	65.9	66.1	66.1	66.2	66.2	66.2	66.2
≥ 3500	32.2	57.5	61.1	64.3	66.6	66.7	67.6	67.8	67.9	68.1	68.3	68.3	68.4	68.4	68.4	68.4
≥ 3000	32.8	59.0	62.9	66.3	68.7	68.9	69.9	70.1	70.2	70.4	70.6	70.6	70.7	70.7	70.7	70.7
≥ 2500	33.4	61.6	65.7	69.3	71.9	72.2	73.1	73.5	73.5	73.8	74.0	74.0	74.1	74.1	74.1	74.1
≥ 2000	34.2	64.5	69.1	73.3	76.5	76.8	77.9	78.3	78.4	78.8	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1800	34.3	65.0	69.8	74.2	77.7	78.0	79.2	79.6	79.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	34.7	66.6	72.0	76.9	80.8	81.1	82.4	83.0	83.1	83.5	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1200	34.8	67.9	73.6	78.8	83.5	84.0	85.5	86.1	86.3	87.0	87.4	87.4	87.5	87.5	87.5	87.6
≥ 1000	34.9	68.4	74.4	80.0	85.5	86.1	88.0	88.8	89.0	90.0	90.6	90.6	90.7	90.7	90.7	90.8
≥ 900	34.9	68.5	74.8	80.6	86.2	86.9	89.1	89.9	90.2	91.3	91.8	91.8	92.0	92.0	92.1	92.1
≥ 800	35.0	68.6	75.0	80.8	86.6	87.4	89.9	90.8	91.1	92.3	92.9	92.9	93.2	93.2	93.2	93.3
≥ 700	35.0	68.8	75.1	81.0	86.9	87.9	90.5	91.5	91.8	93.1	93.9	93.9	94.2	94.2	94.2	94.3
≥ 600	35.0	68.8	75.2	81.2	87.1	88.2	90.9	92.1	92.5	93.8	94.6	94.6	95.1	95.1	95.1	95.2
≥ 500	35.0	68.8	75.2	81.2	87.4	88.6	91.7	93.1	93.5	95.1	96.0	96.0	96.5	96.5	96.6	96.7
≥ 400	35.0	68.8	75.2	81.3	87.4	88.7	91.9	93.6	94.0	95.[illegible]	97.0	97.0	97.5	97.6	97.7	97.8
≥ 300	35.0	68.8	75.2	81.3	87.4	88.7	91.9	93.7	94.2	96.	97.8	97.9	98.6	98.6	98.8	98.8
≥ 200	35.0	68.8	75.2	81.3	87.5	88.8	92.0	93.7	94.3	96.6	98.0	98.0	98.8	98.8	99.0	99.3
≥ 100	35.0	68.8	75.2	81.3	87.5	88.8	92.0	93.7	94.3	96.6	98.0	98.1	98.9	99.0	99.3	99.7
0	35.0	68.8	75.2	81.3	87.5	88.8	92.0	93.7	94.3	96.6	98.0	98.1	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

USAF ETAC FORM 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.2	36.8	40.3	41.9	44.4	44.5	45.2	45.4	45.5	45.7	45.7	45.7	45.8	45.8	45.9	45.9
≥ 20000	21.8	40.4	44.4	46.4	49.1	49.2	50.0	50.3	50.4	50.6	50.7	50.7	50.8	50.8	50.9	50.9
≥ 18000	22.0	40.7	44.9	46.9	49.5	49.6	50.4	50.7	50.9	51.0	51.1	51.1	51.2	51.2	51.3	51.3
≥ 16000	22.2	41.1	45.3	47.3	49.9	50.0	50.8	51.1	51.3	51.4	51.5	51.5	51.6	51.6	51.7	51.7
≥ 14000	22.8	42.4	46.6	48.6	51.3	51.4	52.1	52.5	52.6	52.7	52.9	52.9	52.9	52.9	53.0	53.0
≥ 12000	23.6	44.0	48.3	50.4	53.2	53.4	54.1	54.4	54.6	54.7	54.8	54.8	54.9	54.9	55.0	55.0
≥ 10000	24.6	45.7	50.1	52.3	55.1	55.2	56.0	56.3	56.4	56.6	56.7	56.7	56.8	56.8	56.9	56.9
≥ 9000	24.9	46.2	50.7	52.9	55.7	55.8	56.6	56.9	57.0	57.2	57.3	57.3	57.4	57.4	57.5	57.5
≥ 8000	25.1	47.1	51.6	53.8	56.7	56.9	57.6	57.9	58.1	58.3	58.4	58.4	58.4	58.4	58.5	58.6
≥ 7000	25.6	48.2	52.9	55.2	58.2	58.4	59.2	59.5	59.6	59.8	59.9	59.9	60.0	60.0	60.1	60.1
≥ 6000	26.0	49.2	54.1	56.5	59.6	59.9	60.7	61.0	61.1	61.3	61.4	61.4	61.5	61.5	61.6	61.6
≥ 5000	26.9	51.0	56.1	58.6	61.8	62.0	62.9	63.2	63.3	63.5	63.6	63.6	63.7	63.7	63.8	63.8
≥ 4500	27.3	51.7	57.0	59.5	62.9	63.1	63.9	64.2	64.3	64.5	64.6	64.6	64.7	64.7	64.8	64.9
≥ 4000	28.0	53.0	58.5	61.4	64.9	65.1	66.1	66.5	66.6	66.8	66.9	66.9	67.0	67.0	67.1	67.2
≥ 3500	28.6	54.6	60.2	63.3	67.1	67.3	68.3	68.7	68.8	69.0	69.1	69.1	69.2	69.2	69.3	69.3
≥ 3000	29.4	56.9	62.9	66.3	70.3	70.6	71.8	72.1	72.2	72.4	72.6	72.6	72.7	72.7	72.8	72.8
≥ 2500	30.1	59.1	65.3	69.0	73.2	73.5	74.8	75.2	75.3	75.5	75.7	75.7	75.8	75.8	75.9	75.9
≥ 2000	30.7	61.8	68.4	72.8	77.3	77.6	79.2	79.9	80.0	80.3	80.5	80.5	80.6	80.6	80.7	80.7
≥ 1800	30.8	62.5	69.1	73.6	78.2	78.6	80.1	80.8	81.0	81.3	81.4	81.4	81.6	81.6	81.7	81.7
≥ 1500	31.5	64.5	71.4	76.2	81.3	81.8	83.5	84.3	84.6	84.9	85.0	85.0	85.2	85.2	85.2	85.3
≥ 1200	31.8	65.9	73.1	78.5	83.9	84.4	86.1	87.0	87.3	87.6	87.7	87.7	87.9	87.9	88.0	88.0
≥ 1000	31.9	66.5	73.9	79.6	85.1	85.8	87.8	88.6	88.9	89.3	89.6	89.6	89.7	89.7	89.8	89.9
≥ 900	32.0	66.8	74.3	80.1	86.0	86.7	88.7	89.7	90.0	90.5	90.8	90.8	90.9	90.9	91.0	91.1
≥ 800	32.0	67.1	74.7	80.6	86.7	87.5	89.8	90.8	91.1	91.7	92.0	92.0	92.1	92.1	92.2	92.3
≥ 700	32.1	67.5	75.1	81.2	87.3	88.4	91.0	92.1	92.5	93.2	93.6	93.6	93.7	93.7	93.8	93.9
≥ 600	32.1	67.6	75.3	81.4	87.8	89.0	91.8	92.9	93.3	94.1	94.5	94.5	94.7	94.7	94.8	94.8
≥ 500	32.1	67.6	75.3	81.6	88.1	89.5	92.5	93.6	94.1	95.3	95.7	95.7	96.0	96.0	96.1	96.2
≥ 400	32.1	67.6	75.4	81.8	88.4	89.9	93.1	94.4	94.9	96.2	96.6	96.6	96.9	96.9	97.1	97.2
≥ 300	32.1	67.6	75.4	81.8	88.5	90.0	93.3	94.9	95.5	97.0	97.5	97.5	97.9	97.9	98.1	98.1
≥ 200	32.1	67.6	75.4	81.8	88.5	90.0	93.3	95.1	95.7	97.5	98.0	98.0	98.5	98.5	98.7	98.9
≥ 100	32.1	67.6	75.4	81.8	88.5	90.0	93.3	95.1	95.7	97.6	98.1	98.1	98.8	98.8	99.0	99.4
0	32.1	67.6	75.4	81.8	88.5	90.0	93.3	95.1	95.7	97.6	98.1	98.1	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3233

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	19.6	37.2	40.9	43.9	46.0	46.0	46.8	47.2	47.2	47.7	47.8	47.8	47.9	47.9	48.0	48.0
≥ 20000	20.9	40.0	44.0	47.3	49.5	49.7	50.6	51.0	51.0	51.5	51.7	51.7	51.7	51.8	51.8	51.9
≥ 18000	21.1	40.3	44.3	47.6	49.8	50.0	50.9	51.3	51.3	51.8	52.0	52.0	52.1	52.1	52.2	52.2
≥ 16000	21.2	40.7	44.7	48.0	50.2	50.4	51.3	51.7	51.7	52.2	52.4	52.4	52.5	52.5	52.6	52.6
≥ 14000	21.6	41.7	45.7	49.1	51.4	51.6	52.6	52.9	53.0	53.4	53.6	53.6	53.7	53.7	53.8	53.9
≥ 12000	22.1	42.7	47.0	50.6	52.9	53.1	54.0	54.4	54.4	54.9	55.1	55.1	55.2	55.2	55.2	55.3
≥ 10000	22.7	44.3	48.7	52.4	54.7	54.9	55.9	56.3	56.3	56.8	56.9	56.9	57.0	57.0	57.1	57.2
≥ 9000	23.0	44.8	49.1	52.9	55.2	55.4	56.4	56.8	56.8	57.3	57.4	57.4	57.5	57.5	57.6	57.7
≥ 8000	23.5	45.8	50.2	54.2	56.5	56.7	57.7	58.0	58.1	58.5	58.7	58.7	58.8	58.8	58.9	59.0
≥ 7000	24.1	46.8	51.4	55.5	58.0	58.2	59.2	59.6	59.6	60.0	60.2	60.2	60.3	60.3	60.4	60.5
≥ 6000	24.3	47.6	52.4	56.6	59.1	59.4	60.4	60.8	60.8	61.3	61.4	61.4	61.5	61.5	61.6	61.7
≥ 5000	25.1	49.2	54.1	58.3	61.0	61.3	62.4	62.7	62.8	63.2	63.4	63.4	63.5	63.5	63.6	63.7
≥ 4500	25.3	50.2	55.3	59.7	62.5	62.8	63.9	64.2	64.3	64.8	64.9	64.9	65.0	65.0	65.1	65.2
≥ 4000	25.9	51.4	56.7	61.2	64.0	64.3	65.4	65.8	65.8	66.3	66.5	66.5	66.6	66.6	66.6	66.7
≥ 3500	26.4	53.1	58.6	63.3	66.3	66.6	67.7	68.1	68.2	68.7	68.8	68.8	68.9	69.0	69.0	69.1
≥ 3000	27.3	55.5	61.3	66.1	69.2	69.5	70.8	71.2	71.3	71.8	72.0	72.0	72.1	72.2	72.2	72.3
≥ 2500	27.9	57.5	63.5	68.8	72.0	72.3	73.7	74.1	74.2	74.7	74.9	74.9	75.1	75.1	75.2	75.3
≥ 2000	28.7	60.5	66.8	72.4	76.1	76.5	78.1	78.6	78.7	79.2	79.4	79.4	79.6	79.6	79.7	79.8
≥ 1800	29.1	61.6	68.0	73.9	77.6	78.1	79.7	80.3	80.3	80.9	81.1	81.1	81.3	81.3	81.4	81.4
≥ 1500	29.9	63.4	69.9	76.1	80.3	80.8	82.6	83.2	83.3	83.8	84.1	84.1	84.2	84.2	84.3	84.4
≥ 1200	30.2	65.0	71.6	78.3	82.7	83.2	85.2	85.8	85.9	86.5	86.7	86.7	86.9	86.9	87.0	87.1
≥ 1000	30.2	65.8	72.5	79.5	84.0	84.6	86.9	87.6	87.7	88.3	88.6	88.6	88.8	88.9	88.9	89.0
≥ 900	30.2	66.0	72.9	80.1	84.8	85.4	87.9	88.6	88.7	89.5	89.9	89.9	90.1	90.1	90.2	90.2
≥ 800	30.3	66.4	73.4	80.8	85.6	86.2	88.9	89.7	89.8	90.6	91.1	91.1	91.3	91.4	91.4	91.5
≥ 700	30.4	66.7	73.8	81.5	86.5	87.1	90.2	91.0	91.2	92.2	92.5	92.5	92.8	92.8	92.9	93.1
≥ 600	30.4	66.8	74.1	81.9	87.1	87.9	91.1	92.0	92.2	93.4	93.8	93.8	94.0	94.1	94.1	94.3
≥ 500	30.4	66.9	74.3	82.1	87.6	88.4	91.8	93.1	93.4	94.9	95.3	95.4	95.8	95.9	95.9	96.1
≥ 400	30.4	67.0	74.4	82.3	88.0	88.9	92.5	93.9	94.2	95.9	96.3	96.4	96.8	96.9	97.0	97.1
≥ 300	30.4	67.0	74.4	82.3	88.0	89.0	92.7	94.2	94.6	96.4	97.0	97.1	97.6	97.7	97.8	98.0
≥ 200	30.4	67.0	74.4	82.3	88.0	89.0	92.8	94.3	94.7	96.7	97.5	97.7	98.3	98.4	98.6	98.8
≥ 100	30.4	67.0	74.4	82.3	88.0	89.0	92.8	94.3	94.7	96.8	97.7	97.9	98.5	98.7	98.9	99.2
0	30.4	67.0	74.4	82.3	88.0	89.0	92.8	94.3	94.8	96.8	97.8	98.0	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3229

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later; clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

S74-29965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	AL	22.3	3.7	3.9	3.5	2.6	2.1	2.6	3.2	4.8	3.1	48.3	6.3	18597
FEB		23.9	4.0	4.1	3.5	2.8	2.0	2.9	3.4	4.5	3.9	45.0	6.1	16941
MAR		21.1	3.2	4.0	4.1	3.1	2.7	3.5	4.1	5.7	4.0	44.6	6.3	18597
APR		20.5	3.5	4.3	4.0	3.6	2.7	3.8	5.1	7.2	5.6	39.6	6.2	17992
MAY		21.4	4.7	5.3	5.1	4.5	3.8	4.2	5.4	7.7	5.8	32.1	5.7	18595
JUN		19.0	5.4	6.2	6.0	5.3	5.0	5.4	6.5	8.8	6.1	26.2	5.5	179[illegible]
JUL		20.5	6.6	7.4	7.2	5.8	5.5	5.4	6.5	8.9	5.9	20.3	5.0	18595
AUG		26.8	7.1	7.3	6.8	5.6	4.9	4.7	5.5	7.4	5.1	18.8	4.5	18595
SEP		35.7	5.7	5.9	5.1	4.3	3.4	3.6	4.4	5.9	4.4	21.9	4.2	17990
OCT		37.7	5.6	5.4	4.2	3.2	2.8	3.2	4.1	5.2	4.0	24.5	4.3	18593
NOV		20.5	4.1	4.5	3.8	2.8	2.4	3.0	3.3	5.2	4.3	38.1	5.5	17991
DEC		22.8	3.6	3.9	3.3	2.7	1.9	2.1	3.2	4.7	3.9	47.5	6.3	18593
TOTALS		25.0	4.8	5.2	4.7	3.9	3.3	3.8	4.6	6.3	4.7	33.9	5.5	219072

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	31.8	2.4	3.2	3.2	2.4	1.2	2.2	2.8	3.2	1.4	46.2	5.7	2324
	03-05	31.0	2.2	3.4	3.3	2.5	1.7	2.1	2.4	3.2	1.5	46.9	5.7	2325
	06-08	1[illegible].5	4.4	4.9	4.1	3.3	2.6	2.5	2.9	4.6	2.5	49.6	6.4	2325
	09-11	14.4	4.9	4.0	3.0	2.4	2.1	2.8	3.7	6.5	4.7	51.6	6.9	2325
	12-14	16.1	4.7	3.7	3.2	2.5	2.3	3.1	4.2	6.2	5.0	48.8	6.7	2324
	15-17	15.7	5.2	4.0	3.6	2.6	3.0	2.3	3.4	6.8	5.1	48.4	6.7	2325
	18-20	22.4	3.8	3.8	3.7	2.3	2.1	3.2	3.3	4.3	2.5	48.5	6.3	2324
	21-23	28.4	2.0	4.1	3.8	2.8	1.9	2.8	2.7	3.3	2.0	46.2	5.8	2325
TOTALS		22.3	3.7	3.9	3.5	2.6	2.1	2.6	3.2	4.8	3.1	48.3	6.3	18597

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	33.0	2.4	3.0	3.1	2.3	.8	2.0	2.2	3.6	2.1	45.5	5.6	2118
	03-05	31.9	2.4	3.4	2.7	1.9	1.7	2.2	2.3	3.4	2.1	45.8	5.7	2118
	06-08	19.9	5.5	4.7	3.6	2.3	2.3	2.2	3.6	5.4	5.1	45.5	6.3	2117
	09-11	17.7	4.7	4.2	3.8	2.5	2.4	3.0	3.4	4.6	5.1	48.6	6.6	2118
	12-14	17.5	3.9	3.5	3.0	3.3	2.5	3.9	4.3	5.4	5.4	47.3	6.6	2118
	15-17	16.5	3.3	3.8	3.9	3.3	2.8	2.6	4.4	6.4	6.4	44.7	6.5	2118
	18-20	23.2	4.7	5.9	5.0	2.9	2.1	3.8	3.6	4.2	3.4	41.3	5.8	2117
	21-23	31.8	3.2	4.6	3.1	3.7	1.7	3.3	3.1	2.9	1.4	41.4	5.4	2117
TOTALS		23.9	4.0	4.1	3.5	2.8	2.0	2.9	3.4	4.5	3.9	45.0	6.1	16941

USAETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	33.4	2.0	3.1	3.4	2.4	2.0	2.4	2.8	3.7	1.6	43.3	5.5	2325
	03-05	29.8	2.7	4.3	4.1	2.9	1.8	3.1	2.8	4.1	1.6	42.8	5.6	2325
	06-08	17.1	4.1	4.0	4.3	2.5	3.0	2.7	4.3	6.7	5.1	46.3	6.6	2325
	09-11	15.9	3.5	3.5	4.1	3.6	2.7	4.0	4.9	7.0	5.0	45.7	6.7	2325
	12-14	12.9	4.0	4.2	3.6	2.7	3.5	4.8	5.4	7.1	6.7	45.1	6.9	2323
	15-17	12.4	3.5	4.0	4.6	3.7	3.1	4.2	4.8	7.9	5.0	45.8	6.9	2324
	18-20	18.8	3.5	4.5	5.1	4.3	2.5	3.4	4.5	5.5	3.9	44.0	6.3	2325
	21-23	28.7	2.3	4.4	3.5	2.6	2.7	3.0	3.4	3.8	2.2	43.4	5.7	2325
TOTALS		21.1	3.2	4.0	4.1	3.1	2.7	3.5	4.1	5.7	4.0	44.6	6.3	18597

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	33.6	1.9	4.0	3.7	2.6	2.0	3.1	3.7	5.0	2.2	38.0	5.3	2250
	03-05	28.0	3.4	4.5	4.1	3.7	2.2	3.7	4.6	5.0	3.2	36.5	5.4	2250
	06-08	17.6	4.9	4.6	4.0	3.3	2.0	3.4	3.7	6.8	7.1	42.6	6.4	2250
	09-11	14.5	3.6	4.3	3.6	3.5	2.5	4.6	6.0	8.0	6.8	42.6	6.7	2249
	12-14	10.9	3.7	3.6	4.5	3.7	3.2	5.5	6.8	10.4	7.1	40.6	6.9	2249
	15-17	11.8	3.7	4.2	3.9	4.0	4.0	3.7	6.4	8.4	9.1	40.9	6.8	2250
	18-20	17.7	4.1	4.9	4.1	4.1	3.6	3.7	5.5	8.0	5.9	38.3	6.2	2247
	21-23	30.0	2.8	4.4	3.3	3.5	2.3	3.0	4.2	5.7	3.4	37.5	5.5	2247
TOTALS		20.5	3.5	4.3	4.0	3.6	2.7	3.8	5.1	7.2	5.6	39.6	6.2	17992

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT FB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	37.8	3.3	5.3	5.0	3.4	2.1	3.6	3.7	4.8	1.9	29.2	4.5	2324
	03-05	25.8	4.8	6.4	4.9	4.6	3.6	4.2	5.2	6.4	3.5	30.7	5.2	2323
	06-08	19.4	5.5	4.9	5.1	3.1	2.8	3.4	4.3	6.9	6.8	37.8	6.0	2325
	09-11	16.8	4.6	3.8	4.4	4.4	4.0	3.5	5.6	8.9	6.8	37.0	6.3	2325
	12-14	10.3	4.3	4.6	4.3	4.9	5.6	5.3	8.1	10.9	8.6	32.9	6.6	2324
	15-17	11.4	5.5	4.7	4.8	6.4	5.9	5.5	7.0	10.2	8.4	30.2	6.3	2325
	18-20	16.9	5.9	6.0	5.8	5.3	3.8	5.1	5.6	8.7	7.1	29.7	5.8	2324
	21-23	32.8	3.8	6.6	6.3	4.0	2.8	3.1	3.9	4.7	3.1	28.9	4.7	2325
TOTALS		21.4	4.7	5.3	5.1	4.5	3.8	4.2	5.4	7.7	5.8	32.1	5.7	18595

USAFETAC FORM JUL 64 0 9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	37.4	4.9	6.0	5.1	4.7	3.4	3.8	3.7	5.6	2.3	23.1	4.1	2249
	03-05	22.6	6.0	7.9	5.6	6.0	4.5	4.3	6.2	8.3	4.0	24.6	5.0	2250
	06-08	17.6	5.6	6.0	6.1	4.8	3.5	4.7	6.2	9.1	6.0	30.5	5.8	2249
	09-11	13.1	5.8	5.3	6.1	5.0	4.4	6.5	7.7	9.6	7.8	28.7	6.0	2250
	12-14	6.5	4.8	4.5	5.2	6.1	7.6	6.2	8.0	11.9	10.4	28.8	6.6	2249
	15-17	7.3	4.9	5.6	5.9	7.0	7.4	7.2	8.4	11.5	8.8	25.9	6.3	2249
	18-20	14.3	5.8	6.9	7.5	5.6	5.2	6.3	6.8	9.7	6.9	25.1	5.7	2248
	21-23	32.9	5.4	7.3	6.8	5.0	4.2	3.8	4.6	4.6	2.3	23.0	4.2	2249
TOTALS		19.0	5.4	6.2	6.0	5.5	5.0	5.4	6.5	8.8	6.1	26.2	5.5	17993

USAFETAC FORM JUL 64 0 9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 — STATION
SCOTT AFB ILLINOIS/BELLEVILLE — STATION NAME
46-70 — PERIOD
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	41.5	6.1	6.2	6.2	4.3	3.0	4.0	3.9	5.2	1.0	16.3	3.5	2325
	03-05	27.0	7.4	7.9	7.1	6.2	4.6	4.3	4.7	7.7	4.0	19.0	4.4	2323
	06-08	19.4	7.0	6.8	5.9	4.3	4.1	4.6	5.3	9.3	7.2	26.1	5.4	2324
	09-11	14.1	6.8	6.1	5.8	5.2	6.3	5.6	6.9	10.1	6.8	26.4	5.8	2324
	12-14	5.3	4.3	6.3	8.2	7.5	8.0	7.4	9.0	12.5	9.0	22.5	6.2	2325
	15-17	6.8	6.6	7.7	8.3	8.0	8.1	7.1	9.2	11.2	8.4	18.6	5.8	2325
	18-20	15.7	8.2	8.3	8.1	5.8	5.8	5.3	8.7	9.1	6.5	18.5	5.1	2325
	21-23	34.2	6.7	9.8	7.6	5.2	3.7	4.5	4.5	6.1	2.6	15.1	3.7	2324
TOTALS		20.5	6.6	7.4	7.2	5.8	5.5	5.4	6.5	8.9	5.9	20.3	5.0	18595

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	49.0	4.5	6.6	5.0	3.8	2.5	3.1	3.7	3.9	2.2	15.8	3.1	2325
	03-05	36.4	7.1	7.1	6.5	4.5	3.9	2.9	4.4	5.8	3.0	18.4	3.8	2325
	06-08	22.9	8.0	7.7	6.3	5.3	3.4	3.9	5.1	7.9	6.3	23.2	4.9	2323
	09-11	20.0	7.4	7.2	7.3	5.2	5.5	3.8	5.7	8.4	6.3	23.2	5.1	2323
	12-14	7.8	5.9	6.3	8.1	7.5	8.9	6.8	8.2	11.4	8.4	19.7	5.8	2325
	15-17	12.5	7.7	7.7	7.5	7.7	7.3	6.7	6.7	9.6	8.0	18.5	5.3	2324
	18-20	22.9	8.9	8.2	7.8	6.8	4.6	5.5	6.2	7.4	4.3	17.4	4.5	2325
	21-23	42.7	6.5	7.6	6.0	4.3	3.4	4.5	3.6	4.8	2.5	14.3	3.3	2325
TOTALS		26.8	7.1	7.3	6.8	5.6	4.9	4.7	5.5	7.4	5.1	18.8	4.5	18595

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 SCOTT AFB ILLINOIS/BELLEVILLE 46-70 SEP
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	50.5	3.4	5.4	4.2	2.9	1.9	2.7	2.8	3.1	2.4	20.8	3.4	2249
	03-05	44.4	5.0	5.5	4.2	3.2	2.3	2.8	3.1	4.6	2.3	22.5	3.7	2247
	06-08	29.2	6.9	6.7	5.2	4.2	3.3	3.0	4.4	6.9	5.4	24.7	4.7	2248
	09-11	30.0	5.6	5.2	5.4	4.1	3.7	4.2	4.9	7.2	6.0	23.7	4.7	2248
	12-14	23.6	5.2	5.2	5.8	5.8	5.6	5.7	6.0	7.7	6.1	23.2	5.1	2250
	15-17	24.8	8.0	6.2	6.3	5.1	4.5	3.6	5.2	7.6	7.2	21.7	4.8	2249
	18-20	34.4	6.7	7.4	5.6	4.4	3.2	3.3	5.2	6.0	3.9	20.0	4.1	2250
	21-23	48.4	4.7	5.2	3.7	4.4	2.3	3.5	3.4	3.9	2.1	18.3	3.3	2249
TOTALS		35.7	5.7	5.9	5.1	4.0	3.4	3.6	4.4	5.9	4.4	21.9	4.2	17990

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	31.2	3.8	4.9	3.2	2.5	1.4	2.8	2.7	3.8	1.8	21.9	3.4	2324
	03-05	48.4	4.1	5.9	3.5	2.2	1.7	2.6	2.9	3.9	2.4	22.5	3.6	2325
	06-08	31.7	8.0	6.3	4.9	3.4	3.1	2.3	4.2	5.8	5.3	24.9	4.5	2324
	09-11	34.2	5.8	4.9	3.8	2.8	3.1	3.3	4.3	5.2	5.7	26.8	4.7	2325
	12-14	28.0	6.2	4.9	4.8	4.3	4.4	3.7	5.4	5.7	5.4	27.0	4.9	2324
	15-17	28.3	6.6	5.2	5.1	3.1	3.7	3.8	5.6	7.2	6.4	25.0	4.9	2324
	18-20	35.5	6.6	5.6	3.8	4.3	3.1	4.0	4.0	6.0	3.1	24.0	4.3	2322
	21-23	43.9	4.0	5.8	4.2	3.2	2.2	3.1	3.4	4.2	1.8	24.2	3.9	2325
TOTALS		37.7	5.6	5.4	4.2	3.2	2.8	3.2	4.1	5.2	4.0	24.5	4.3	18593

USAFETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-70 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	38.6	2.7	4.3	2.8	3.1	1.8	2.7	2.6	3.6	2.3	35.2	4.8	2247
	03-05	38.6	2.7	4.2	3.6	2.1	2.2	2.8	3.4	3.3	2.5	35.7	4.8	2250
	06-08	21.6	5.4	5.5	4.1	3.3	2.4	3.0	4.0	5.4	5.6	38.8	5.9	2250
	09-11	20.2	4.8	4.8	4.6	3.3	2.7	2.9	2.8	6.0	5.4	42.3	6.1	2249
	12-14	19.2	4.5	4.2	3.6	3.0	3.2	3.6	4.5	7.4	7.5	39.3	6.2	2248
	15-17	21.0	5.3	4.9	4.3	2.4	3.1	3.0	4.9	6.7	6.1	38.3	6.0	2248
	18-20	31.4	4.5	4.4	4.1	3.0	2.1	2.7	3.1	4.4	2.3	37.9	5.2	2249
	21-23	37.0	2.8	3.6	3.5	2.5	1.6	3.0	2.4	3.7	2.4	37.5	5.0	2250
TOTALS		28.5	4.1	4.5	3.8	2.8	2.4	3.0	3.3	5.2	4.3	38.1	5.5	17991

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13802 | SCOTT AFB ILLINOIS/BELLEVILLE | 46-70 | DEC
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	31.7	2.5	3.8	3.3	2.6	1.6	2.3	2.6	2.8	1.9	45.0	5.6	2322
	03-05	30.7	2.8	4.0	3.4	2.9	1.4	2.3	2.4	3.4	1.5	45.1	5.6	2323
	06-08	18.5	4.5	5.1	3.6	3.3	1.8	2.4	4.0	5.5	4.5	47.0	6.4	2325
	09-11	16.4	4.5	4.1	2.9	2.5	2.2	2.6	3.6	5.0	6.2	49.9	6.8	2324
	12-14	16.0	3.7	3.4	2.8	2.3	2.5	2.8	3.7	6.2	6.0	50.6	6.9	2325
	15-17	16.4	4.0	4.1	3.4	2.0	2.1	2.8	3.7	5.7	6.3	49.4	6.8	2325
	18-20	24.4	3.5	3.7	3.3	2.7	1.8	3.2	2.9	4.7	2.0	47.7	6.1	2325
	21-23	28.0	3.1	3.1	3.5	2.9	1.9	3.0	3.0	3.9	2.7	44.9	5.8	2324
TOTALS		22.8	3.6	3.9	3.3	2.7	1.9	2.7	3.2	4.7	3.9	47.5	6.3	18593

USAFETAC FORM JUL 64 0 9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

74-29966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13802 SCOTT AFB ILLINOIS/BELLEVILLE 36-72
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110							.1						.0
105							.3						.0
100						1.0	2.9	1.9	1.0				.6
95					.1	7.6	14.2	13.1	4.9	.1			3.4
90				.1	4.6	30.4	42.5	36.5	17.0	1.3			11.1
85			.1	3.9	17.1	56.6	74.8	65.6	35.6	8.8			22.1
80		.3	2.0	13.3	36.4	78.6	92.7	85.7	53.7	21.7	.6		32.3
75	.1	.8	6.6	26.6	56.9	91.5	98.4	96.4	73.8	37.9	3.6	.2	41.4
70	.9	2.1	13.1	39.8	76.1	96.0	99.9	99.3	88.8	53.9	10.6	.8	49.8
65	2.7	5.4	22.3	55.6	87.4	98.9	100.0	99.8	95.6	70.7	19.6	3.8	55.6
60	6.7	12.1	32.6	70.0	94.9	99.8		100.0	98.6	83.0	32.7	10.3	62.1
55	13.3	19.0	44.9	82.2	98.3	100.0			99.8	92.4	47.7	18.2	66.4
50	22.2	31.2	57.1	90.8	99.7				100.0	97.1	62.2	28.8	74.4
45	33.1	44.8	70.0	96.7	99.9					99.5	77.6	41.0	80.5
40	45.7	59.6	83.7	99.7	100.0					100.0	87.3	56.7	86.3
35	63.1	77.7	93.3	100.0							94.6	73.3	91.9
30	78.0	89.3	97.4								98.1	86.8	96.0
25	86.9	94.9	99.1								99.4	95.0	98.0
20	93.5	98.3	99.9								99.8	98.1	99.2
15	96.6	99.5	100.0								99.9	99.3	99.6
10	98.8	99.8									100.0	99.8	99.9
5	99.7	100.0										100.0	100.0
0	100.0												100.0
MEAN	30.9	41.7	53.1	65.6	75.6	85.0	88.3	86.0	80.4	70.3	53.6	42.8	65.4
S D	13.122	12.221	13.359	11.416	9.055	7.410	6.003	6.688	9.019	10.529	12.042	11.950	20.423
TOTAL OBS	1053	961	1085	1049	1073	1049	1083	1070	1050	1085	1049	1085	12692

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13802 SCOTT AFB ILLINOIS/BELLEVILLE 30-72
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV.	DEC	ANNUAL
80						.1	.3						.0
75						3.6	7.4	4.1	.3				1.3
70				.1	1.1	21.5	41.9	30.1	9.2	.3			8.8
65				1.7	10.8	52.8	73.1	61.1	25.1	3.0			19.2
60	.1	.1	.4	7.9	28.4	74.9	90.8	83.6	43.5	10.1	1.0		28.6
55	.4	.2	2.9	20.0	54.4	91.6	97.4	94.9	63.5	21.8	2.9	.3	37.8
50	.9	.6	8.8	33.5	73.6	96.5	99.9	99.0	82.3	38.2	8.9	1.9	45.8
45	2.4	2.6	15.7	50.8	89.1	99.9	100.0	99.9	93.5	58.3	17.8	4.3	53.2
40	5.7	6.5	26.1	71.6	97.5	100.0		100.0	98.6	77.3	29.9	10.5	60.7
35	11.6	17.7	42.9	89.1	99.6				99.6	91.8	40.0	22.1	66.9
33	16.2	24.6	51.3	93.5	100.0				99.8	95.4	57.4	27.5	72.5
30	29.2	40.3	66.3	97.5					99.9	98.2	71.2	41.8	79.0
25	49.4	64.4	84.5	99.9					100.0	99.9	88.6	62.9	87.7
20	62.2	78.3	94.1	100.0						100.0	96.1	79.4	92.6
15	74.5	86.9	97.9								98.5	87.6	95.5
10	85.3	93.4	98.8								99.5	94.0	97.6
5	91.5	97.6	99.6								99.9	97.3	98.8
0	95.4	99.3	99.9								100.0	99.2	99.3
-5	98.6	99.9	100.0									99.9	99.9
-10	99.[illegible]											100.0	100.0
-15	100.0	100.0											100.0
MEAN	22.3	26.3	33.9	45.8	54.7	64.1	67.4	65.6	57.7	46.9	35.0	27.1	43.5
S D	11.619	9.774	10.086	9.223	7.640	6.528	5.596	6.149	8.527	9.110	9.686	10.480	18.018
TOTAL OBS	1053	961	1083	1049	1073	1049	1083	1070	1050	1085	1049	1085	12692

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13802 SCOTT AFB ILLINOIS/BELLEVILLE 58-72
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.6	.7	.1					.1
85						3.9	10.2	6.9	.7				1.8
80					1.2	23.5	39.6	32.3	10.1	.4			9.0
75				1.4	11.4	54.0	75.4	62.3	28.6	2.9			19.8
70			.4	8.8	32.7	77.9	93.5	88.1	49.5	12.4	.3		30.5
65	.1	.1	3.8	23.0	55.7	93.4	99.5	97.2	70.7	27.8	3.0		39.8
60	.5	.9	10.0	36.6	76.7	98.6	100.0	99.6	89.1	47.9	7.6	.6	47.7
55	1.9	3.2	17.5	53.6	90.4	99.8		100.0	96.3	63.8	17.2	3.2	54.[illegible]
50	5.1	8.2	28.8	72.9	97.1	100.0			99.7	84.2	30.0	9.3	61.[illegible]
45	10.9	17.5	44.0	86.2	99.7				99.8	94.8	48.0	18.6	68.8
40	22.8	33.4	61.6	96.3	100.0				100.0	98.7	67.9	32.8	76.4
35	38.9	54.0	79.5	99.5						100.0	85.5	51.1	84.3
30	57.6	72.6	91.1	100.0							93.8	71.5	90.7
25	70.8	85.7	97.7								97.5	84.6	94.7
20	82.1	92.3	98.[illegible]								99.3	93.0	97.2
15	90.2	97.1	99.4								99.6	96.9	98.6
10	95.2	99.1	100.0								99.9	98.6	99.4
5	98.1	99.8									100.0	99.7	99.8
0	99.4	100.0										100.0	100.0
-5	100.0												100.0
MEAN	30.7	35.2	43.6	55.8	65.2	74.7	78.0	76.3	69.2	58.7	44.5	35.0	55.6
S D	11.904	10.246	11.063	9.660	7.705	6.441	5.192	5.773	7.952	8.814	10.089	10.554	10.866
TOTAL OBS.	1053	961	1089	1049	1073	1049	1083	1070	1050	1085	1049	1065	12692

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
38	* 57	76	82*	86	87	93*	100	102	98	89	80	62	102
39			84	82	92	94	99	94	101	92	72	70	
40	40	59	85	85	89	94	100	99	97	90	77	67	100
41	62	60	67	86	92	98	101	102	93	89	75	66	102
42	62	60	79	86	93	93	100	97	97	89	78	71	100
43	74	72	80	83	90	93	99	102	93	85	73	63	102
44	69	72	79	78	90	100	98	98	94	89	80	56	100
45	53	76	83	78	88	91	100	99	94	80	77	65	100
46	62	66	80	89	81	95	98	95	91	87	71	68	98
47	67	61	65	80	84	94	100	102	98	86	62	64	102
48	62	66	82	85	83	94	94	97	95	79	74	(75)	97
49	66	64	75	80	90	95	97	93	86	85	77	72	97
50	(75)	57	78	87	89	96	92	89	88	88	(84)	69	96
51	69	68	76	88	90	93	94	99	88	89	73	72	99
52	74	69	73	86	93	(104)	105	95	94	93	78	63	105
53	64	65	77	85	(97)	102	101	99	(101)	(95)	75	62	102
54	65	73	76	87	91	103	(110)	101	(103)	92	73	59	110
55	65	73	80	88	90	96	98	97	98	83	82	69	98
56	60	73	84	87	91	96	98	100	97	86	78	71	100
57	58	70	72	85	86	93	97	96	91	85	68	63	97
58	53	70	61	83	91	94	94	93	92	85	79	56	94
59	62	66	79	89	91	96	98	95	91	85	71	62	98
60	66	63	77	87	84	94	89	96	96	80	73	59	96
61	58	67	75	81	87	90	93	91	90	84	79	68	93
62	64	(81)	73	83	91	94	95	103	91	89	68	65	103
63	63	60	83	87	90	95	96	(100)	91	92	72	66	100
64	64	58	71	84	91	95	98	(104)	94	84	75	57	104
65	67	67	65	88	87*	91	100	94	90	81*	72	67	100
66	58	60	78	74*	86	94	104	92	89	81	74	69	104
67	73	66	83	88	94	95	99	95	88	90	66	68	99
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM JUL 64 0-88 5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68	62	61	82	83	90	96#	94#	97	87	86	69	58	* 97
69	58	54	76	79	92	95	94	93	91	86	69	64	95
70	71	67	69	86	87	93	101	95	94	79	69	73	101
71	65	70	77	90	84	99	99	96	102	90	80	70	102
72	72	81	83	84	87	98	97	95	97	81	67	62	98
MEAN	63.5	66.8	76.8	84.5	89.1	95.3	98.0	97.0	93.7	86.4	74.0	65.5	99.7
S D	7.046	6.646	6.022	3.665	3.399	3.179	3.933	3.654	4.430	4.223	4.965	5.124	3.414
TOTAL OBS	1053	961	1085	1049	1073	1049	1083	1070	1050	1085	1049	1085	12692

NOTES # (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38	* 6	16	27*	28	37	54*	61	58	45	30	12	14	* 6
39			20	25	38	50	60	52	41	28	22	-1	
40	-10	11	17	25	35	51	(48)	(44)	33	35	13	11	-10
41	11	13	15	40	41	50	55	53	43	31	20	18	11
42	-4	10	25	34	41	51	56	48	(27)	25	20	8	-4
43	-2	3	4	30	42	54	58	54	41	31	23	-2	-2
44	12	0	18	28	(33)	46	54	54	48	34	18	2	0
45	0	4	26	33	37	47	53	49	49	35	21	0	0
46	2	12	27	33	43	50	58	47	43	34	27	13	2
47	9	6	13	35	37	46	52	60	40	40	15	19	6
48	-2	4	3	37	46	54	57	55	48	29	24	0	-2
49	1	16	16	31	42	55	61	53	36	29	21	13	1
50	12	11	14	27	43	52	53	48	38	34	(4)	4	4
51	-1	(-11)	15	30	43	51	56	56	39	34	11	4	-11
52	7	24	15	30	43	57	60	53	45	(24)	18	17	7
53	15	14	24	30	42	55	58	55	43	33	17	5	5
54	5	16	18	(22)	35	50	62	58	48	31	25	22	5
55	3	-1	9	34	46	49	65	57	44	34	13	11	-1
56	7	22	19	29	38	48	60	53	45	37	17	22	7
57	2	22	22	28	36	57	62	57	43	31	17	10	2
58	11	-2	27	32	38	52	63	51	44	34	9	4	-2
59	-2	10	24	32	41	51	56	60	48	33	7	21	-2
60	10	7	(-3)	28	36	51	55	54	45	28	22	1	-3
61	-8	6	25	25	34	48	53	56	41	34	21	3	-8
62	-11	9	8	26	45	53	53	51	40	28	26	(-7)	-11
63	(-13)	-2	23	32	(33)	46	52	51	40	30	24	-5	-13
64	-5	10	18	29	43	51	55	46	43	28	5	2	-5
65	-10	0	12	34	42*	52	55	45	38	28*	21	18	-10
66	-6	-4	18	28*	44	46	54	53	41	31	22	13	-6
67	2	1	17	34	35	52	53	45	42	34	21	-5	-5
MEAN													
S D.													
TOTAL OBS													

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68	-8	10	14	31	40	55*	55*	51	48	32	23	9	-8
69	3	20	15	32	39	45	63	56	42	28	20	12	3
70	-8	2	20	30	41	54	53	58	45	33	13	16	-8
71	6	3	18	25	36	60	51	52	44	34	20	19	3
72	-4	9	25	27	44	(44)	50	52	45	29	22	11	-4
MEAN	.9	8.6	17.5	30.1	39.7	51.1	56.3	52.7	42.4	31.5	18.1	8.6	-1.6
S D.	7.635	8.141	7.265	3.810	2.757	3.725	4.141	4.267	4.513	3.373	5.890	8.346	6.151
TOTAL OBS.	1053	961	1085	1049	1073	1049	1083	1070	1050	1085	1049	1085	12692

NOTES * (BASED ON < FULL MONTHS)
(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | ALL MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																.0	.0	4	4		
108/107																.0		1	1		
106/105													.0	.0	.0	.0		7	7		
104/103													.0	.0	.0	.0	.0	31	31		
102/101												.0	.0	.0	.0	.0	.0	99	99		
100/ 99								.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	219	219		
98/ 97					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		424	424		
96/ 95				.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0		904	904		
94/ 93		.0		.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0			1531	1531		
92/ 91				.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0			2353	2353	1	1
90/ 89		.0	.0	.0	.0	.1	.2	.3	.2	.2	.1	.1	.0	.0	.0			3570	3571	7	
88/ 87			.0	.0	.1	.2	.3	.3	.2	.2	.1	.1	.0	.0	.0			4319	4321	8	8
86/ 85		.0	.0	.0	.1	.3	.4	.3	.2	.2	.1	.0	.0	.0	.0			5466	5467	19	6
84/ 83	.0	.0	.0	.1	.3	.4	.3	.3	.3	.2	.1	.0	.0	.0	.0			6091	6094	86	21
82/ 81		.0	.1	.3	.4	.4	.3	.3	.2	.2	.1	.0	.0	.0				6954	6959	380	38
80/ 79	.0	.0	.2	.5	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0			8440	8443	1595	211
78/ 77	.0	.1	.5	.6	.5	.3	.3	.3	.2	.1	.1	.0	.0					9254	9256	4098	732
76/ 75	.0	.4	.7	.7	.5	.4	.3	.3	.2	.1	.0	.0	.0	.0				10899	10904	8043	2193
74/ 73	.0	.6	.9	.6	.4	.3	.3	.2	.2	.1	.0	.0	.0	.0				11192	11194	11127	5490
72/ 71	.1	.8	.8	.6	.4	.3	.3	.2	.1	.1	.0	.0	.0					11589	11595	12922	9460
70/ 69	.1	.9	1.0	.6	.4	.4	.2	.2	.1	.1	.0	.0						12148	12158	14309	12485
68/ 67	.1	.8	.9	.6	.4	.3	.2	.2	.1	.0	.0	.0						10852	10867	13611	12969
66/ 65	.1	.8	.9	.6	.4	.3	.2	.2	.1	.0	.0							10665	10678	13664	11854
64/ 63	.1	.8	.8	.5	.4	.3	.2	.2	.1	.0	.0							9845	9857	12352	11702
62/ 61	.1	.9	.6	.6	.3	.3	.2	.1	.1	.0	.0							9633	9638	12398	11638
60/ 59	.1	.8	.7	.5	.3	.3	.2	.1	.0	.0								9593	9598	12156	11778
58/ 57	.1	.8	.7	.4	.3	.3	.2	.1	.0		.0							8967	8973	10820	11431
56/ 55	.1	.7	.7	.4	.4	.3	.2	.1	.0	.0								8862	8867	10817	10810
54/ 53	.1	.7	.6	.5	.4	.3	.1	.0	.0									8295	8303	9594	10364
52/ 51	.1	.7	.6	.5	.4	.2	.1	.0	.0									8162	8168	9352	10117
50/ 49	.1	.7	.7	.5	.4	.2	.1	.0			.0							8393	8396	9216	9564
48/ 47	.1	.6	.7	.6	.4	.2	.0	.0										7977	7983	9051	8724
46/ 45	.1	.7	.7	.7	.4	.1	.0	.0										8372	8376	9657	8207
44/ 43	.1	.7	.8	.8	.3	.1	.0	.0										8010	8021	8905	8450

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — ALL MONTH

 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41	.1	.7	.9	.6	.3	.1	.0	.0										8275	8280	8911	8777
40/ 39	.1	.8	1.1	.6	.2	.0	.0											9033	9040	9586	8596
38/ 37	.1	1.0	1.1	.6	.1	.0	.0											9140	9142	9891	8658
36/ 35	.2	1.3	1.1	.5	.1	.0	.0											9658	9660	10818	9686
34/ 33	.2	1.4	1.1	.3	.0	.0												9507	9509	10528	10402
32/ 31	.2	1.4	1.0	.3	.0	.0												8627	8628	11278	11596
30/ 29	.2	1.3	.9	.2	.0													7747	7756	9530	11157
28/ 27	.1	1.1	.6	.1	.0													5795	5798	9009	8734
26/ 25	.1	1.0	.5	.1	.0													4827	4832	6501	10135
24/ 23	.1	.7	.3	.0														3587	3588	5111	8654
22/ 21	.1	.6	.2	.0		.0												2808	2809	3730	7329
20/ 19	.1	.5	.2	.0														2339	2347	3062	5203
18/ 17	.0	.4	.1	.0		.0												1939	1943	2501	4751
16/ 15	.1	.4	.1			.0												1602	1605	1969	3964
14/ 13	.0	.3	.1															1249	1256	1608	3260
12/ 11	.0	.3	.0															1037	1044	1354	2733
10/ 9	.0	.2	.0															840	840	1045	2018
8/ 7	.0	.2	.0															637	643	760	1901
6/ 5	.0	.1	.0															482	485	600	1582
4/ 3	.0	.1																320	322	432	1274
2/ 1	.0	.1	.0															269	271	323	1011
0/ -1	.0	.0																192	193	253	816
-2/ -3	.0	.0																147	147	160	623
-4/ -5	.0	.0																77	80	100	642
-6/ -7	.0	.0	.0															44	44	65	427
-8/ -9	.0	.0	.0															25	25	29	323
-10/-11	.0	.0	.0															17	17	15	272
-12/-13		.0																2	2	3	223
-14/-15																				4	98
-16/-17																					99
-18/-19																					71
-20/-21																					40
-22/-23																					19
-24/-25																					15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-26/-27																					7
-30/-31																					6
-32/-33																					1
-34/-35																					1
-38/-39																					1
TOTAL	3.4	26.8	23.1	14.5	9.2	6.8	5.2	4.1	3.0	1.9	1.1	.5	.2	.1	.0	.0	.0	303353	303566	303364	303358

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	1563554678	21107114	69.6	17.689	303349							
Dry Bulb	1060977476	16879042	55.6	20.085	303566	14.9	1301.7	3060.9	2065.1	1050.6	92.6	8760
Wet Bulb	848727056	15142462	49.9	17.498	303364	18.5	1731.5	1906.6	730.4	32.5		8760
Dew Point	716769598	13588914	44.8	18.813	303358	108.4	2586.3	1256.0	250.3	4.1		8760

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31				
76/ 75							.0											2	2		
74/ 73				.0	.0	.0	.0	.0										12	12		
72/ 71				.0	.0	.0	.0	.0	.0									14	14		
70/ 69			.0	.0	.0	.0	.0											21	21		
68/ 67		.0	.0	.0	.0	.0	.0		.0									31	31	1	
66/ 65		.0	.1	.0	.1	.0	.0	.0	.0									47	47	14	2
64/ 63		.0	.1	.1	.0	.0	.0	.0	.0	.0								79	79	17	7
62/ 61	.0	.2	.1	.1	.0	.0	.0	.0	.0									134	134	55	13
60/ 59	.0	.2	.2	.1	.1	.0	.0	.1	.0	.0								159	159	123	91
58/ 57	.0	.3	.2	.1	.1	.1	.1	.0	.0									222	222	125	83
56/ 55	.1	.4	.3	.1	.1	.1	.1	.0										328	328	196	124
54/ 53	.1	.4	.2	.1	.2	.2	.1	.0										290	290	214	182
52/ 51	.1	.5	.3	.2	.2	.2	.1	.0										384	384	264	238
50/ 49	.2	.6	.4	.3	.3	.3	.1											518	518	307	265
48/ 47	.1	.5	.4	.4	.5	.2	.0											540	541	373	266
46/ 45	.1	.7	.4	.7	.4	.2	.0											646	648	462	267
44/ 43	.2	.8	.6	.7	.6	.1	.0											747	747	494	308
42/ 41	.3	.9	.8	.9	.5	.1	.0											882	883	666	413
40/ 39	.4	1.2	1.5	1.0	.4	.0												1136	1136	894	483
38/ 37	.4	1.7	1.8	1.2	.2	.0												1331	1331	1063	553
36/ 35	.6	2.9	2.3	1.0	.1		.0											1743	1744	1496	825
34/ 33	.6	4.2	2.4	.7	.1	.0												2003	2003	1834	1069
32/ 31	.5	4.0	2.4	.6	.0	.0												1898	1898	2191	1568
30/ 29	.5	4.0	2.3	.4	.0													1815	1815	1982	1786
28/ 27	.3	3.3	1.7	.2	.0													1395	1395	1965	1394
26/ 25	.4	3.0	1.6	.2	.0													1297	1297	1536	1810
24/ 23	.3	2.5	1.3	.1														1069	1069	1250	1576
22/ 21	.3	2.7	1.0	.1		.0												1004	1004	1140	1522
20/ 19	.2	2.7	.8	.0														931	931	1124	1133
18/ 17	.2	2.3	.7	.0		.0												822	822	968	1062
16/ 15	.3	2.1	.5			.0												737	737	845	1047
14/ 13	.3	1.6	.3															567	568	715	938
12/ 11	.3	1.6	.2															507	509	633	1000
10/ 9	.3	1.3	.1															425	425	498	771

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38,40=72 YEARS — JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							.0											2	2		
74/ 73				.0	.0	.0	.0	.0										12	12		
72/ 71				.0	.0	.0	.0	.0	.0									14	14		
70/ 69			.0	.0	.0	.0	.0											21	21		
68/ 67		.0	.0	.0	.0	.0	.0		.0									31	31	1	
66/ 65		.0	.1	.0	.1	.0	.0	.0	.0									47	47	14	2
64/ 63		.0	.1	.1	.0	.0	.0	.0	.0	.0								79	79	17	7
62/ 61	.0	.2	.1	.1	.0	.0	.0	.0	.0									134	134	55	13
60/ 59	.0	.2	.2	.1	.1	.0	.0	.1	.0	.0								159	159	123	91
58/ 57	.0	.3	.2	.1	.1	.1	.1	.0	.0									222	222	125	83
56/ 55	.1	.4	.3	.1	.1	.1	.1	.0										328	328	196	124
54/ 53	.1	.4	.2	.1	.2	.2	.1	.0										290	290	214	182
52/ 51	.1	.5	.3	.2	.2	.2	.1	.0										384	384	264	238
50/ 49	.2	.6	.4	.3	.3	.3	.1											518	518	307	265
48/ 47	.1	.5	.4	.4	.5	.2	.0											540	541	373	266
46/ 45	.1	.7	.4	.7	.4	.2	.0											648	648	462	267
44/ 43	.2	.8	.6	.7	.6	.1	.0											747	747	494	308
42/ 41	.3	.9	.8	.9	.5	.1	.0											882	883	666	413
40/ 39	.4	1.2	1.5	1.0	.4	.0												1136	1136	894	483
38/ 37	.4	1.7	1.8	1.2	.2	.0												1331	1331	1063	553
36/ 35	.6	2.9	2.3	1.0	.1		.0											1743	1744	1496	825
34/ 33	.6	4.2	2.4	.7	.1	.0												2003	2003	1834	1069
32/ 31	.5	4.0	2.4	.6	.0	.0												1898	1898	2191	1568
30/ 29	.5	4.0	2.3	.4	.0													1815	1815	1982	1786
28/ 27	.3	3.3	1.7	.2	.0													1395	1395	1965	1394
26/ 25	.4	3.0	1.6	.2	.0													1297	1297	1536	1810
24/ 23	.3	2.5	1.3	.1														1069	1069	1250	1576
22/ 21	.3	2.7	1.0	.1		.0												1004	1004	1140	1522
20/ 19	.2	2.7	.8	.0														931	931	1124	1133
18/ 17	.2	2.3	.7	.0		.0												822	822	968	1062
16/ 15	.3	2.1	.5			.0												737	737	845	1047
14/ 13	.3	1.6	.3															567	568	715	938
12/ 11	.3	1.6	.2															507	509	633	1000
10/ 9	.3	1.3	.1															425	425	498	771

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

ALL (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7	.2	1.1	.0															322	325	394	758
6/ 5	.1	.9	.0															250	252	300	632
4/ 3	.1	.7																186	187	245	470
2/ 1	.1	.7	.0															189	189	213	396
0/ -1	.3	.2																142	142	184	343
-2/ -3	.1	.4																117	117	123	280
-4/ -5	.0	.2																64	67	80	315
-6/ -7	.1	.1	.0															39	39	57	249
-8/ -9	.1	.0	.0															24	24	27	170
-10/-11	.0		.0															14	14	14	188
-12/-13		.0																2	2	1	162
-14/-15																				4	80
-16/-17																					91
-18/-19																					65
-20/-21																					38
-22/-23																					16
-24/-25																					14
-26/-27																					6
-30/-31																					6
-32/-33																					1
-34/-35																					1
-38/-39																					1
TOTAL	8.1	51.1	25.0	9.7	3.8	1.5	.5	.2	.1	.0								25087	25102	25087	25078

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	135767616	1802588	71.9	15.722	25078							
Dry Bulb	27885814	768224	30.6	13.202	25102	12.0	409.8	2.4	.4			744
Wet Bulb	23421383	701545	28.0	12.313	25087	14.5	489.0	.0				744
Dew Point	17635554	554850	22.1	14.619	25078	60.1	590.1					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.0	.0							4	4		
80/ 79											.0							3	3		
78/ 77									.0	.0								2	2		
76/ 75							.0	.0		.0	.0							7	7		
74/ 73						.0	.0	.0	.0									15	15		
72/ 71					.0	.0	.0	.0	.0									19	19		
70/ 69			.0	.0	.0	.0	.0	.0	.0	.0	.0							36	36		
68/ 67			.0	.1	.0	.0	.0	.0	.0	.0								54	54		
66/ 65		.0	.1	.1	.0	.0	.0	.1	.0	.0	.0							86	86	4	
64/ 63		.0	.1	.1	.0	.1	.1	.1	.0	.0								106	106	32	2
62/ 61	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0								141	141	60	15
60/ 59	.0	.2	.1	.1	.1	.1	.2	.1	.0									233	233	84	44
58/ 57	.0	.3	.2	.1	.1	.2	.1	.1	.0									289	289	131	73
56/ 55	.1	.4	.3	.1	.2	.2	.2	.0	.0									336	336	185	139
54/ 53	.1	.5	.2	.2	.3	.3	.1	.1	.0									424	424	251	183
52/ 51	.1	.5	.3	.3	.4	.3	.2	.0	.0									494	494	317	203
50/ 49	.2	.5	.4	.5	.6	.3	.2	.0										612	612	371	280
48/ 47	.2	.6	.4	.6	.6	.3	.1											667	667	481	251
46/ 45	.3	.8	.8	.9	.6	.2	.0	.0										842	842	579	292
44/ 43	.4	.9	1.0	1.0	.6	.1	.0											915	915	751	415
42/ 41	.3	1.1	1.4	1.1	.6	.1	.0											1054	1054	837	478
40/ 39	.3	1.6	2.0	1.3	.5	.1												1323	1324	1142	538
38/ 37	.3	2.5	2.1	1.5	.2	.1	.0											1542	1542	1280	732
36/ 35	.4	3.7	2.8	1.1	.3	.0												1902	1902	1733	997
34/ 33	.7	3.6	3.1	.8	.2	.0												1919	1919	1937	1488
32/ 31	.7	3.8	3.1	.7	.1	.0												1956	1957	2153	1760
30/ 29	.5	4.1	2.4	.6	.1													1766	1771	1988	1717
28/ 27	.5	3.3	1.8	.4	.0													1362	1363	2102	1392
26/ 25	.3	2.6	1.4	.3														1048	1049	1375	1901
24/ 23	.2	2.0	.9	.2														753	754	1179	1849
22/ 21	.2	1.7	.9	.1														652	653	843	1433
20/ 19	.2	1.5	.6	.0														529	535	682	911
18/ 17	.1	1.1	.6	.0														417	419	578	995
16/ 15	.1	1.0	.3															336	339	421	857

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
14/ 13	.1	.9	.3																300	306	368	701
12/ 11	.1	.8	.1																218	221	312	568
10/ 9	.1	.6	.0																170	170	241	422
8/ 7	.1	.4	.0																106	107	150	397
6/ 5	.1	.3																	82	82	105	382
4/ 3	.0	.2																	61	61	73	330
2/ 1	.0	.1																	33	34	51	253
0/ -1	.0	.1																	27	28	37	221
-2/ -3	.0	.0																	6	6	14	199
-4/ -5	.0	.0																	3	3	2	150
-6/ -7	.0	.0																	4	4	4	93
-8/ -9	.0																		1	1	2	97
-10/-11		.0																	3	3	1	55
-12/-13																					2	27
-14/-15																						6
-16/-17																						1
-18/-19																						4
-20/-21																						2
-22/-23																						3
-24/-25																						1
-26/-27																						1
TOTAL	6.8	41.6	27.8	12.8	5.8	2.8	1.5	.7	.2	.1	.0									22892		22858
																			22858		22858	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	121116347	1618095	70.8	16.952	22857							
Dry Bulb	30889649	796733	34.8	11.750	22892	1.3	289.6	4.1	.9	.1		672
Wet Bulb	25310535	721181	31.6	10.577	22858	1.8	372.9					672
Dew Point	18590172	589024	25.6	12.580	22858	25.3	491.8					672

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.0				1	1		
84/ 83									.0		.0	.0	.0	.0				13	13		
82/ 81					.0	.0	.0	.0	.0	.0	.0	.0						33	33		
80/ 79					.0	.0	.0	.0	.0	.0	.1	.0	.0					50	50		
78/ 77					.0	.0	.1	.1	.1	.0	.0	.0						81	81		
76/ 75			.0	.0	.0	.1	.1	.1	.1	.1	.0	.0						123	123		
74/ 73			.0	.1	.1	.1	.1	.1	.1	.1	.0							165	165	1	
72/ 71			.0	.1	.1	.1	.1	.1	.1	.1	.0	.0						211	211	8	
70/ 69		.0	.0	.1	.1	.2	.2	.1	.1	.1	.0							264	264	24	7
68/ 67		.0	.1	.1	.3	.2	.2	.2	.1	.1	.0							346	346	49	17
66/ 65		.1	.2	.3	.3	.2	.2	.2	.2	.0								443	443	123	28
64/ 63	.0	.2	.3	.2	.3	.3	.3	.2	.1	.0								472	472	200	62
62/ 61	.0	.4	.4	.3	.3	.3	.3	.3	.1	.0								617	617	354	123
60/ 59	.1	.6	.5	.4	.4	.4	.3	.2	.1	.0								766	766	525	253
58/ 57	.1	.6	.6	.5	.4	.5	.4	.1	.0		.0							835	837	586	382
56/ 55	.1	.8	.6	.5	.6	.5	.4	.1	.0	.0								941	943	706	434
54/ 53	.1	.8	.5	.6	.6	.6	.3	.1	.0									969	971	854	579
52/ 51	.2	1.0	.5	.7	.8	.6	.3	.0	.0									1074	1076	921	681
50/ 49	.2	.9	.9	.8	.9	.6	.2	.0										1152	1153	994	695
48/ 47	.2	.9	.8	1.0	.9	.5	.1											1112	1114	1072	717
46/ 45	.2	1.0	.9	1.5	.9	.5	.0											1301	1301	1260	733
44/ 43	.2	1.0	1.4	1.6	.8	.3	.0											1370	1370	1190	853
42/ 41	.2	1.4	2.0	1.6	.8	.2	.0											1588	1588	1392	932
40/ 39	.2	1.7	2.5	1.5	.7	.1												1757	1757	1645	1023
38/ 37	.2	2.1	2.4	1.6	.4	.1												1738	1738	2001	1207
36/ 35	.2	2.2	2.5	1.3	.2	.0												1671	1671	1966	1461
34/ 33	.3	2.4	2.3	.8	.2													1556	1556	1933	1784
32/ 31	.4	2.4	1.9	.6	.0													1363	1363	1985	2068
30/ 29	.2	2.1	1.7	.4	.0													1143	1143	1659	1867
28/ 27	.2	1.8	1.1	.1														809	809	1344	1609
26/ 25	.2	1.3	.7	.1														638	638	1044	1735
24/ 23	.1	1.0	.5	.0														439	439	738	1393
22/ 21	.1	.7	.3	.0														289	289	429	1370
20/ 19	.1	.6	.2															220	220	347	975

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17	.1	.4	.1															123	123	220	806
16/ 15	.0	.2	.0															79	79	116	596
14/ 13	.0	.1	.0															39	39	73	462
12/ 11	.0	.1	.0															44	44	49	306
10/ 9	.0	.1																29	29	42	229
8/ 7	.0	.1																25	25	27	184
6/ 5	.0	.1																21	21	21	125
4/ 3	.0	.0																7	7	15	73
2/ 1	.0	.0																4	4	8	59
0/ -1	.0	.0																3	3	2	38
-2/ -3	.0																	2	2	3	15
-4/ -5																					20
-6/ -7																					14
-8/ -9																					10
TOTAL	3.9	29.2	25.7	16.8	10.2	6.5	3.7	2.0	1.1	.6	.3	.1	.0	.0				25926	25937	25926	25925

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	128251751	1764395	68.1	17.758	25926							
Dry Bulb	53136401	1124811	43.4	12.961	25937	.1	151.4	36.9	13.4	2.1		744
Wet Bulb	42037337	1003577	38.7	11.092	25926	.1	233.1	2.4	.0			744
Dew Point	31428802	844138	32.6	12.333	25925	2.8	400.5	.7				744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
90/ 89											.0		.0	.0					5	5		
88/ 87								.0	.0	.0	.0	.0	.0	.0					26	26		
86/ 85				.0		.0	.0	.0	.1	.1	.1	.1	.0						88	88		
84/ 83					.0	.0	.0	.1	.1	.2	.1	.1	.0		.0				146	146		
82/ 81				.0	.0	.1	.1	.1	.2	.1	.1	.1	.0						221	221		
80/ 79				.0	.1	.2	.2	.2	.2	.2	.1	.1	.0	.0					308	308	1	
78/ 77				.0	.2	.2	.3	.3	.2	.2	.1	.1	.0						376	376		1
76/ 75			.0	.1	.2	.4	.4	.3	.3	.2	.1	.0	.0						535	535	7	1
74/ 73		.0	.0	.2	.5	.5	.4	.4	.3	.2	.1	.0	.0						628	628	21	3
72/ 71		.0	.2	.5	.5	.4	.4	.3	.3	.2	.1	.0							723	723	64	9
70/ 69		.0	.4	.8	.6	.5	.4	.4	.3	.2	.0								905	905	252	23
68/ 67	.0	.1	.7	.7	.6	.4	.5	.4	.3	.1	.0								956	956	432	87
66/ 65	.0	.4	1.0	.8	.6	.6	.5	.4	.3	.1	.0								1190	1190	861	246
64/ 63	.0	.9	1.1	.8	.6	.5	.5	.6	.2	.1									1352	1352	1035	507
62/ 61	.1	1.1	.7	1.0	.7	.7	.6	.5	.1	.0	.0								1409	1409	1269	829
60/ 59	.1	1.3	1.1	1.0	.7	.8	.7	.4	.1	.0									1555	1555	1401	1089
58/ 57	.1	1.2	1.0	.8	.9	.9	.7	.2	.0										1465	1465	1417	1084
56/ 55	.1	1.1	1.2	.9	1.0	1.0	.5	.1	.0										1489	1489	1546	1171
54/ 53	.1	1.1	1.0	1.0	1.1	.8	.4	.1	.0										1413	1413	1461	1151
52/ 51	.1	1.1	1.2	1.3	.9	.6	.3	.0											1363	1363	1522	1221
50/ 49	.1	1.0	1.3	1.5	.8	.6	.2	.0			.0								1386	1386	1712	1246
48/ 47	.1	1.2	1.5	1.5	.8	.4	.1	.0											1378	1378	1689	1261
46/ 45	.1	1.2	1.5	1.5	.6	.3	.0	.0											1336	1336	1913	1248
44/ 43	.2	1.2	1.7	1.0	.5	.1	.0	.0											1169	1169	1636	1380
42/ 41	.2	1.2	1.6	.9	.3	.0	.0	.0											1080	1080	1594	1510
40/ 39	.1	1.0	1.3	.8	.2	.0	.0												850	850	1476	1664
38/ 37	.1	1.0	.9	.6	.1	.0													655	655	1205	1675
36/ 35	.1	.7	.7	.3	.0														446	446	975	1694
34/ 33	.1	.4	.4	.2	.0														271	271	620	1448
32/ 31	.0	.2	.3	.1															156	156	444	1131
30/ 29	.0	.1	.2	.0															90	90	230	940
28/ 27		.1	.1																39	39	157	644
26/ 25		.1																	13	13	53	628
24/ 23		.0																	1	1	30	480

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21	.0	.0																2	2	2	2
20/ 19																					19
18/ 17																					9
16/ 15																					6
14/ 13																					2
12/ 11																					1
10/ 9																					5
8/ 7																					1
6/ 5																					1
0/ -1																					1
-4/ -5																					1
TOTAL	1.6	18.1	21.2	18.2	12.5	9.9	7.1	5.0	3.2	1.8	.8	.4	.2	.0	.0				25025		6933
																		25025		25025	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 92 F	Total
Ref. Num.	116256697	1640759	65.6	18.629	25026							
Dry Bulb	81664460	1398182	55.9	11.904	25025		8.7	141.5	67.1	18.5		720
Wet Bulb	63510591	1236265	49.4	9.870	25025		26.4	22.4	.8	.0		720
Dew Point	50159293	1087775	43.3	11.374	25033	.1	129.0	3.5	.1			720

USAFETAC FORM 0-26-5 (OL JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97													.0					1	1		
96/ 95											.0			.0				3	3		
94/ 93										.0		.0	.0	.0				8	8		
92/ 91									.0	.0	.1	.0	.0	.0	.0			43	43		
90/ 89							.0	.1	.1	.1	.2	.1	.1	.0				172	172		
88/ 87						.0	.1	.2	.3	.2	.2	.1	.0	.0	.0			278	278		
86/ 85					.0	.1	.3	.3	.4	.3	.2	.1	.0	.0				442	442		
84/ 83				.0	.0	.2	.4	.4	.3	.3	.2	.1	.0					525	525		
82/ 81				.0	.2	.5	.5	.4	.4	.4	.1	.1	.0	.0				661	661		
80/ 79			.0	.1	.3	.7	.6	.6	.5	.3	.1	.0						868	868	2	
78/ 77		.0	.0	.3	.7	.7	.6	.6	.5	.2	.1	.0						988	988	13	
76/ 75	.0	.0	.3	.6	.9	.8	.6	.6	.4	.2	.1	.0		.0				1193	1193	144	7
74/ 73		.1	.6	.9	1.0	.8	.8	.5	.4	.2	.0	.0		.0				1359	1359	372	21
72/ 71	.0	.3	.8	1.3	.9	.8	.7	.6	.3	.1	.0	.0	.0					1529	1529	784	152
70/ 69	.0	.7	1.7	1.2	1.0	.9	.7	.5	.3	.1		.0						1886	1886	1316	480
68/ 67	.1	1.2	1.8	1.1	1.0	.7	.6	.3	.2	.0								1796	1796	1784	930
66/ 65	.3	1.8	1.8	1.2	.9	.8	.6	.3	.1									2001	2001	2298	1370
64/ 63	.2	1.9	1.5	1.1	.9	.7	.4	.2	.1									1786	1786	2307	1907
62/ 61	.2	2.1	1.2	1.4	.9	.5	.3	.2	.0									1746	1746	2354	2042
60/ 59	.3	1.9	1.5	1.4	.8	.4	.3	.1	.0									1724	1724	2277	2060
58/ 57	.2	1.8	1.6	1.0	.6	.3	.2	.0										1494	1494	2131	1986
56/ 55	.1	1.6	1.4	.9	.5	.3	.2	.0										1282	1282	2191	1995
54/ 53	.1	1.2	1.3	.8	.3	.2	.0	.0										1018	1018	1794	1841
52/ 51	.1	1.2	1.1	.7	.3	.1	.0											889	889	1534	1989
50/ 49	.1	.9	1.0	.6	.2	.1	.0	.0										735	735	1202	1736
48/ 47	.0	.6	.8	.4	.1	.0												521	521	1035	1464
46/ 45	.0	.6	.5	.3	.1	.0	.0											380	380	840	1307
44/ 43	.0	.4	.4	.1	.0													244	244	591	1183
42/ 41	.0	.2	.2	.1	.0													155	155	404	974
40/ 39	.0	.2	.1	.0														91	91	247	694
38/ 37	.0	.1	.0	.0														26	26	144	516
36/ 35		.1	.0															24	24	78	462
34/ 33	.0	.0	.0															12	12	31	337
32/ 31		.0																3	3	7	207

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (01, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAY MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29		.0																2	2	4	111
28/ 27																				2	50
26/ 25																					45
24/ 23																					11
22/ 21																					3
20/ 19																					1
18/ 17																					3
14/ 13																					1
TOTAL	1.7	18.8	19.6	15.7	11.7	9.4	7.9	6.1	4.4	2.6	1.4	.5	.2	.0	.0			25885	25885	25886	25885

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	130255979	1779669	68.6	18.061	25884							
Dry Bulb	113327046	1690878	65.3	10.536	25885		.1	337.8	188.0	74.2	.3	744
Wet Bulb	90118495	1512595	58.4	8.183	25886		.4	126.9	15.3			744
Dew Point	76658053	1388012	53.6	9.281	25885		12.4	45.7	.8			744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103															.0	.0		4	4		
102/101													.0	.0	.0			22	22		
100/ 99											.0	.0	.0	.0	.0	.0		40	40		
98/ 97										.0	.1	.1	.1	.0	.0			72	72		
96/ 95						.0	.0	.0	.0	.2	.3	.1	.1	.0	.0	.0		185	185		
94/ 93				.0	.0	.0	.0	.1	.3	.4	.2	.2	.0	.0	.0			337	337		
92/ 91				.0	.0	.0	.1	.5	.6	.4	.3	.1	.1	.0	.0			521	521		
90/ 89		.0	.0	.0	.1	.1	.5	.9	.8	.5	.3	.1	.0	.0				843	843	2	
88/ 87			.0	.0	.1	.4	1.0	.9	.7	.4	.2	.2	.0	.0				1002	1002	5	4
86/ 85			.0	.0	.3	1.0	1.1	.8	.7	.4	.2	.1	.0					1167	1167	7	3
84/ 83	.0	.0	.0	.2	.7	1.1	.9	.7	.7	.4	.2	.1	.0					1238	1238	13	9
82/ 81		.0	.1	.6	1.2	1.2	.8	.6	.6	.3	.2	.1	.0					1395	1395	43	11
80/ 79		.1	.4	1.2	1.5	1.1	.8	.7	.6	.3	.1	.0						1703	1703	174	26
78/ 77		.2	1.1	1.6	1.4	1.0	.7	.6	.4	.3	.0	.0						1806	1807	850	90
76/ 75	.0	.7	1.9	1.9	1.2	.8	.6	.6	.3	.2	.0			.0				1981	1981	1816	245
74/ 73	.0	1.4	2.0	1.6	.9	.7	.4	.4	.2	.1	.0							1871	1871	2407	992
72/ 71	.1	2.2	2.3	1.5	.8	.5	.4	.2	.1	.0	.0		.0					1990	1991	2850	2042
70/ 69	.2	3.0	2.3	1.4	.7	.5	.2	.1	.0									2101	2105	3091	2821
68/ 67	.3	2.4	1.9	.9	.8	.3	.2	.1	.0	.0								1697	1706	2992	3166
66/ 65	.2	1.7	1.6	1.0	.4	.3	.1	.0										1300	1305	2522	2633
64/ 63	.1	1.3	1.3	.8	.4	.2	.0	.0										1018	1019	2013	2367
62/ 61	.1	1.0	1.0	.7	.3	.1	.0											781	782	1675	2008
60/ 59	.1	.9	.9	.4	.2	.0												611	615	1435	1713
58/ 57	.1	.8	.6	.3	.1	.0												458	458	1027	1561
56/ 55	.0	.6	.5	.1	.0													308	308	795	1372
54/ 53	.0	.3	.2	.1	.0													153	153	525	1227
52/ 51	.0	.2	.1	.1	.0													93	93	281	892
50/ 49		.1	.1	.0														39	39	120	598
48/ 47		.0	.0	.0														18	18	70	430
46/ 45		.0	.0															6	6	35	256
44/ 43																				11	139
42/ 41																				2	90
40/ 39																					41
38/ 37																					20

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

 ALL (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					3
34/ 33																					1
22/ 21																					1
14/ 13																					1
TOTAL	1.2	16.9	18.2	14.4	10.9	9.3	7.8	7.2	6.0	4.0	2.1	1.1	.5	.2	.1	.0		24760	24786	24761	24764

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	127270386	1720274	69.5	17.697	24761							
Dry Bulb	140527996	1851532	74.7	9.458	24786			580.7	412.1	225.1	19.2	720
Wet Bulb	112178666	1658798	67.0	6.518	24761			414.4	154.6	3.5		720
Dew Point	99407917	1558433	62.9	7.338	24764		.1	273.6	40.1	1.0		720

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
110/109																.0	.0		4	4		
108/107																.0			1	1		
106/105													.0	.0	.0	.0			7	7		
104/103													.0	.0	.0	.0			18	18		
102/101												.0	.1	.1	.0				40	40		
100/ 99									.0	.0	.0	.1	.1	.1	.0				88	88		
98/ 97					.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0				171	171		
96/ 95					.0		.0	.1	.2	.3	.4	.2	.1	.0					330	330		
94/ 93		.0			.0	.0	.1	.3	.5	.6	.4	.1	.1	.0	.0				554	554		
92/ 91					.0	.1	.4	.8	.9	.5	.3	.1	.0	.1	.0				832	832	1	1
90/ 89				.0	.1	.5	.8	1.0	.9	.5	.4	.2	.1	.0					1152	1153	2	
88/ 87			.0	.0	.3	.8	1.2	1.0	.7	.5	.4	.2	.1	.0					1339	1341	1	1
86/ 85		.0	.0	.2	.7	1.4	1.3	.9	.6	.5	.3	.1	.0						1619	1620	4	2
84/ 83		.0	.1	.5	1.3	1.4	1.0	.8	.6	.4	.2	.1	.0						1674	1677	37	4
82/ 81		.1	.3	1.2	1.7	1.3	.8	.6	.5	.3	.1	.0							1826	1831	182	11
80/ 79	.0	.2	1.2	2.0	1.6	1.0	.7	.5	.4	.3	.1	.0							2082	2085	783	114
78/ 77	.0	.7	2.1	2.1	1.5	.7	.6	.4	.4	.1	.0	.0							2206	2207	1673	346
76/ 75	.1	1.9	2.8	2.0	1.2	.6	.4	.3	.2	.1									2501	2506	2985	1025
74/ 73	.3	2.4	3.0	1.7	.8	.4	.3	.2	.1	.0									2342	2344	3654	2238
72/ 71	.2	2.8	2.3	1.3	.6	.4	.2	.1	.0										2035	2037	3731	3340
70/ 69	.4	2.3	2.0	1.0	.5	.3	.1	.0	.0										1678	1680	3528	3866
68/ 67	.1	1.2	1.6	.8	.4	.2	.0	.0											1117	1118	2703	3294
66/ 65	.1	.8	1.3	.6	.3	.1	.0												804	807	2062	2623
64/ 63	.0	.8	.7	.5	.1	.0	.0												557	562	1496	1964
62/ 61	.0	.5	.5	.3	.1	.0													361	363	1233	1751
60/ 59	.0	.3	.3	.2	.0	.0													224	224	792	1375
58/ 57	.0	.1	.3	.1	.0														131	131	443	1098
56/ 55		.1	.2	.0															92	92	265	921
54/ 53		.1	.1	.0															40	40	156	670
52/ 51		.0	.0																8	8	77	543
50/ 49		.0	.0																2	2	25	316
48/ 47																					4	182
46/ 45																						104
44/ 43																						35

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31		Dry Bulb	Wet Bulb	Dew Point
42/ 41																					9
40/ 39																					4
36/ 35																					1
TOTAL	1.3	14.2	18.8	14.5	11.1	9.4	7.9	7.1	6.0	4.3	2.9	1.3	.7	.3	.1	.0	.0		25873		25838
																		25835		25837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	132127782	1791486	69.3	17.497	25837							
Dry Bulb	159082678	2016506	77.9	8.612	25873			679.9	540.9	310.6	34.9	744
Wet Bulb	127096532	1806124	69.9	5.703	25837			555.3	268.4	15.8		744
Dew Point	113613270	1704530	66.0	6.717	25838			410.1	107.8	1.4		744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					9
40/ 39																					4
36/ 35																					1
TOTAL	1.3	14.2	18.8	14.5	11.1	9.4	7.9	7.1	6.0	4.3	2.9	1.3	.7	.3	.1	.0	.0		25873		25838
																		25835		25837	

Element (X	Σ_i^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	132127782	1791486	69.3	17.497	25837							
Dry Bulb	159082678	2016506	77.9	8.612	25873			679.9	540.9	310.6	34.9	744
Wet Bulb	127096532	1806124	69.9	5.703	25837			555.3	268.4	15.8		744
Dew Point	113613270	1704530	66.0	6.717	25838			410.1	107.8	1.4		744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
104/103														.0	.0	.0	.0		8	8		
102/101												.0	.0	.0	.0	.0			26	26		
100/ 99								.0	.0	.0	.0	.0	.1	.0	.0	.0			57	57		
98/ 97					.0			.0	.0	.1	.1	.2	.1	.0	.0	.0			137	137		
96/ 95				.0		.0	.0	.1	.2	.3	.3	.2	.1	.1	.0				289	289		
94/ 93					.0	.0	.1	.2	.4	.4	.3	.2	.1	.0	.0				462	462		
92/ 91					.0	.1	.4	.5	.7	.4	.3	.1	.1	.0					668	668		
90/ 89				.0	.1	.3	.7	.9	.8	.5	.3	.1	.0						960	960	3	
88/ 87			.0	.0	.2	.6	.9	.9	.7	.4	.2	.0	.0	.0					1045	1045	2	3
86/ 85			.0	.2	.6	1.1	1.2	.8	.7	.5	.2	.0	.0	.0					1341	1341	6	1
84/ 83		.0	.1	.4	.9	1.3	1.0	.8	.7	.4	.2	.0	.0	.0					1494	1494	33	6
82/ 81		.0	.3	1.0	1.3	1.1	1.0	.7	.5	.3	.1	.0							1628	1628	149	16
80/ 79		.1	1.0	1.6	1.4	1.0	.7	.7	.5	.1	.1	.0							1883	1883	577	64
78/ 77		.5	1.9	1.9	1.3	.7	.7	.5	.3	.1	.0								2036	2036	1303	286
76/ 75	.0	1.7	2.6	1.7	1.0	.7	.6	.3	.2	.1									2301	2301	2306	833
74/ 73	.1	2.5	2.7	1.6	.7	.6	.3	.3	.1	.0									2322	2322	3238	1789
72/ 71	.2	2.6	2.4	1.4	.7	.4	.3	.1	.0										2107	2110	3488	2843
70/ 69	.2	2.5	2.4	1.3	.6	.3	.2	.1	.0										1959	1963	3355	3353
68/ 67	.2	1.8	2.1	1.1	.4	.2	.1	.0											1496	1501	2802	3097
66/ 65	.1	1.5	1.8	.8	.3	.1	.1												1190	1194	2500	2647
64/ 63	.1	1.0	1.4	.5	.2	.0	.0												836	837	1875	2323
62/ 61	.0	1.1	.8	.5	.1	.0													645	645	1488	2036
60/ 59	.0	.8	.6	.2	.1	.0													448	448	1148	1850
58/ 57	.0	.5	.4	.1	.0														266	266	704	1573
56/ 55		.3	.4	.0															176	177	447	1112
54/ 53	.0	.2	.1	.0															92	92	278	778
52/ 51	.0	.1	.1																51	51	163	549
50/ 49	.0	.1	.0	.0															21	21	56	429
48/ 47		.0	.0																7	7	24	195
46/ 45		.0																	9	9	9	112
44/ 43																					9	41
42/ 41																						20
40/ 39																						3
38/ 37																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	17.2	21.2	14.3	9.9	8.5	8.1	6.8	5.7	3.4	1.9	1.0	.5	.3	.1	.1	.0	25960	25978	25963	25960

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	138333257	1841673	70.9	17.200	25960							
Dry Bulb	152604947	1976929	76.1	9.120	25978			636.7	477.1	261.3	28.0	744
Wet Bulb	123374310	1782600	68.7	6.151	25963			494.7	218.3	12.4		744
Dew Point	110699045	1685953	64.9	6.816	25960			352.3	85.9	1.6		744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

ALL (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																.0		1	1		
102/101															.0	.0	.0	11	11		
100/ 99												.0	.0	.1	.0	.0	.0	34	34		
98/ 97										.0	.0	.1	.0	.0	.1	.0		43	43		
96/ 95						.0	.0		.0	.0	.0	.1	.1	.1	.0	.0		95	95		
94/ 93						.0	.0	.0	.1	.2	.1	.1	.1	.1	.0			168	168		
92/ 91				.0			.0	.1	.2	.1	.2	.2	.1	.1	.0			271	271		
90/ 89						.0	.1	.4	.3	.3	.2	.2	.1	.0	.0			394	394		
88/ 87				.0	.0	.1	.4	.5	.3	.3	.3	.1	.1	.0				527	527		
86/ 85				.0	.1	.4	.5	.4	.4	.4	.3	.1	.0					638	638	2	
84/ 83				.1	.3	.6	.5	.4	.4	.3	.2	.1	.0	.0				751	751	3	2
82/ 81			.0	.3	.6	.6	.5	.5	.3	.3	.1	.1	.0					838	838	6	
80/ 79		.0	.2	.7	.8	.6	.6	.6	.4	.3	.2	.1	.0					1097	1097	58	7
78/ 77	.0	.0	.6	.8	.8	.5	.6	.4	.4	.4	.2	.1						1192	1192	255	9
76/ 75		.3	.0	1.2	.7	.6	.6	.6	.5	.3	.1	.0						1511	1511	753	81
74/ 73	.0	.9	1.7	1.1	.7	.6	.4	.5	.4	.2	.0	.0						1640	1640	1299	429
72/ 71	.1	1.8	1.7	.9	.6	.6	.6	.6	.3	.2	.0							1836	1836	1651	974
70/ 69	.2	2.0	1.9	1.1	.7	.7	.5	.4	.3	.1	.0							1973	1973	2270	1688
68/ 67	.3	2.0	1.8	1.1	.8	.6	.4	.3	.1	.0								1848	1848	2142	1998
66/ 65	.2	1.6	1.7	1.0	.7	.5	.4	.2	.1	.0								1627	1627	2194	1752
64/ 63	.2	1.4	1.6	1.0	.8	.5	.2	.1	.0									1418	1418	1840	1729
62/ 61	.1	1.7	1.3	1.1	.5	.3	.2	.1	.0									1338	1338	1867	1672
60/ 59	.2	1.6	1.6	.9	.4	.3	.1	.0	.0									1290	1290	2072	1860
58/ 57	.2	1.3	1.5	.8	.3	.1	.1	.0	.0									1092	1092	1891	1694
56/ 55	.2	1.2	1.4	.6	.2	.1	.0	.0	.0									921	921	1736	1625
54/ 53	.1	1.0	1.1	.4	.1	.0	.0	.0										702	702	1365	1658
52/ 51	.0	1.1	.8	.3	.1	.0	.0											606	606	1110	1607
50/ 49	.0	.9	.8	.2	.0	.0												467	467	890	1485
48/ 47	.0	.6	.5	.1	.0		.0											310	310	632	1253
46/ 45	.0	.5	.3	.1	.0													218	218	458	1057
44/ 43	.0	.3	.1	.0	.0													135	135	266	797
42/ 41	.0	.2	.1	.0														76	76	207	664
40/ 39	.0	.1	.0	.0														26	26	80	449
38/ 37	.0	.1	.0	.0														22	22	43	266

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35	.0	.0																9	9	28	144
34/ 33		.0	.0															5	5	7	101
32/ 31																				4	65
30/ 29																				3	33
28/ 27																					6
26/ 25																					14
24/ 23																					5
22/ 21																					5
20/ 19																					2
18/ 17																					2
TOTAL	1.9	20.6	21.6	13.6	9.2	7.8	6.8	6.3	4.6	3.3	1.9	1.2	.6	.4	.2	.1	.0	25130	25130	25132	25133

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	131931257	1757325	69.9	18.984	25133							
Dry Bulb	122238877	1730459	68.9	11.069	25130			426.0	263.9	125.3	10.1	720
Wet Bulb	97769962	1553212	61.8	8.411	25132		.2	241.8	68.1	.8		720
Dew Point	84938978	1441540	57.4	9.477	25133		3.8	148.6	15.1	.1		720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

 ALL (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95															.0			2	2		
94/ 93													.0		.0			2	2		
92/ 91									.0	.0	.0		.0	.0	.0			18	18		
90/ 89								.0	.0	.0	.0	.0	.0	.0				44	44		
88/ 87						.0	.0	.1	.0	.1	.1	.1	.0	.0	.0			102	102		
86/ 85						.0	.1	.1	.1	.1	.1	.1	.1	.0	.0			170	170		
84/ 83					.0	.0	.1	.1	.1	.1	.1	.2	.1	.0				249	249		
82/ 81				.0	.1	.2	.2	.1	.2	.2	.2	.1	.0	.0				341	341		
80/ 79			.0	.0	.1	.2	.2	.2	.3	.2	.3	.2	.0		.0			432	432		
78/ 77		.0	.0	.2	.2	.2	.3	.3	.2	.3	.2	.1	.0					512	512	4	
76/ 75		.0	.1	.2	.3	.2	.4	.4	.4	.3	.2	.1	.0					674	674	32	1
74/ 73		.1	.2	.3	.3	.3	.4	.4	.3	.3	.1	.0	.0					730	730	135	18
72/ 71	.0	.3	.3	.5	.5	.5	.5	.4	.5	.2	.1	.0						948	948	346	100
70/ 69	.0	.4	.7	.5	.5	.6	.4	.5	.4	.2	.1	.0						1054	1054	462	247
68/ 67	.1	.6	.7	.6	.6	.4	.5	.4	.3	.2	.0	.0						1148	1148	658	370
66/ 65	.1	.9	1.0	.8	.6	.6	.6	.5	.3	.1	.0							1447	1448	941	516
64/ 63	.2	1.3	1.0	.7	.6	.6	.6	.5	.1	.1	.0							1505	1509	1245	703
62/ 61	.3	1.5	.9	.9	.7	.7	.6	.4	.2	.0								1611	1611	1563	927
60/ 59	.2	1.5	1.1	1.0	.8	.7	.6	.2	.1									1606	1606	1689	1066
58/ 57	.2	1.5	1.3	1.0	.8	.8	.4	.2	.0									1588	1589	1629	1295
56/ 55	.2	1.4	1.4	1.1	1.0	.7	.4	.2	.0									1630	1631	1777	1266
54/ 53	.2	1.3	1.6	1.2	.9	.5	.2	.1										1538	1541	1793	1376
52/ 51	.2	1.3	1.5	1.2	.7	.3	.1	.0	.0									1409	1409	1883	1403
50/ 49	.1	1.3	1.9	1.0	.6	.3	.1	.0										1384	1384	1870	1477
48/ 47	.1	1.4	1.8	1.1	.4	.2	.0											1224	1224	1887	1600
46/ 45	.1	1.5	1.7	.9	.3	.1	.0											1177	1177	1792	1523
44/ 43	.1	1.4	1.3	.5	.2	.0	.0											927	927	1567	1756
42/ 41	.1	1.1	1.0	.4	.1	.0												725	725	1337	1919
40/ 39	.1	1.0	.9	.3	.0	.0												603	603	1067	1736
38/ 37	.1	.8	.7	.2	.0													455	455	749	1454
36/ 35	.0	.6	.4	.1														286	286	589	1365
34/ 33	.0	.5	.3	.0														216	216	409	1039
32/ 31	.0	.3	.1	.0														103	103	278	856
30/ 29	.0	.1	.1	.0														51	51	146	659

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (GL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
28/ 27		.1	.0															16	16	60	402
26/ 25	.0	.0																10	10	20	350
24/ 23																				10	195
22/ 21																					147
20/ 19																					60
18/ 17																					56
16/ 15																					26
14/ 13																					14
12/ 11																					7
10/ 9																					1
8/ 7																					3
6/ 5																					1
4/ 3																					1
TOTAL	2.2	22.0	21.9	14.9	10.5	8.1	6.8	5.0	3.6	2.3	1.5	.8	.3	.2	.0			25937	25947	25938	25935

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	128255851	1751341	67.5	19.636	25937							
Dry Bulb	91806003	1512001	58.3	11.938	25947		5.2	184.3	93.9	33.0	.1	744
Wet Bulb	72086521	1244299	51.8	9.649	25938		14.7	47.0	4.9			744
Dew Point	58511865	1198205	46.2	11.029	25935		79.7	21.1	.5			744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83											.0							1	1		
82/ 81							.0		.0	.0								7	7		
80/ 79						.0	.0	.0	.0		.0							14	14		
78/ 77					.0	.0	.1	.1	.0	.0	.0	.0						55	55		
76/ 75					.1	.1	.1	.1	.0		.0	.0						69	69		
74/ 73				.0	.0	.1	.0	.1	.1	.0	.0	.0	.0					101	101		
72/ 71		.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0						162	162		
70/ 69			.1	.1	.2	.1	.1	.2	.1	.0	.0	.0						249	249	11	
68/ 67		.1	.2	.2	.2	.1	.2	.1	.1	.0								308	308	43	6
66/ 65	.0	.2	.3	.3	.2	.2	.2	.1	.1	.0	.0							448	448	134	36
64/ 63	.0	.3	.5	.4	.2	.2	.2	.2	.1	.0	.0							559	560	238	111
62/ 61	.1	.5	.4	.4	.3	.4	.2	.2	.1	.0	.0							664	666	397	174
60/ 59	.1	.6	.4	.4	.4	.4	.3	.2	.1	.0								717	718	500	316
58/ 57	.1	.8	.4	.5	.4	.4	.4	.2	.0									794	797	559	471
56/ 55	.2	.7	.8	.6	.3	.6	.4	.1	.0									958	958	721	479
54/ 53	.1	.9	.8	.7	.8	.6	.4	.1	.0									1120	1121	649	486
52/ 51	.2	1.0	1.0	.9	.8	.5	.3	.0										1191	1195	908	533
50/ 49	.2	1.1	1.4	1.0	.9	.6	.2											1338	1339	1117	675
48/ 47	.2	1.3	1.6	1.2	1.0	.5	.1	.0										1490	1491	1213	760
46/ 45	.2	1.6	1.5	1.7	.9	.4	.0											1584	1588	1571	918
44/ 43	.3	1.1	2.0	1.5	.9	.2	.0											1483	1484	1559	1085
42/ 41	.1	1.4	2.0	1.7	.7	.1												1493	1497	1543	1141
40/ 39	.2	1.6	2.6	1.6	.4	.0												1632	1638	1801	1215
38/ 37	.2	2.0	2.5	1.4	.3	.0												1589	1591	1833	1263
36/ 35	.2	2.3	2.7	1.2	.1	.0												1633	1634	2044	1598
34/ 33	.2	2.3	2.0	.5	.1	.0												1287	1289	1720	1689
32/ 31	.2	2.2	1.8	.3	.1													1159	1159	1787	1943
30/ 29	.2	2.0	1.2	.3	.0													929	930	1396	1979
28/ 27	.3	1.5	.7	.1	.0													651	651	1172	1579
26/ 25	.2	1.2	.6	.0														510	513	716	1742
24/ 23	.1	.7	.4	.0														311	311	525	1286
22/ 21	.0	.4	.2	.0														164	164	320	938
20/ 19	.0	.3	.1	.0														117	117	185	679
18/ 17	.0	.3	.1	.0														109	109	133	515

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

 ALL (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15	.0	.2	.0															57	57	101	405
14/ 13	.0	.1	.0															35	35	65	299
12/ 11	.0	.1																24	25	37	209
10/ 9	.0	.1																21	21	24	144
8/ 7	.0	.0																15	16	22	122
6/ 5	.1	.0																15	16	17	104
4/ 3	.0																	1	1	3	55
2/ 1																					44
0/ -1																					26
-2/ -3																					24
-4/ -5																					12
-6/ -7																					3
TOTAL	3.8	28.8	28.3	17.2	9.6	5.9	3.3	1.8	.8	.2	.1	.1	.0					25064	25105	25064	25064

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel Hum	129398288	1749026	69.8	17.121	25064							
Dry Bulb	52827158	1111330	44.3	12.028	25105		118.3	27.7	7.1	.4		720
Wet Bulb	42560849	998333	39.8	10.562	25064		136.8	1.6				720
Dew Point	32843122	856644	34.2	11.926	25064	1.9	347.8	.2				720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.0		.0										2	2		
74/ 73				.0	.0	.0		.0	.0	.0		.0						7	7		
72/ 71			.0	.0	.0	.0		.0			.0							15	15		
70/ 69			.0	.0	.0	.0		.0	.0									22	22		
68/ 67			.1	.1	.1	.0			.0	.0								55	55	5	2
66/ 65		.1	.1	.1	.0	.0		.0	.0	.0								82	82	11	1
64/ 63	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0								157	157	54	20
62/ 61	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0								186	186	83	48
60/ 59	.0	.3	.3	.1	.1	.1	.1	.1	.0									260	260	110	61
58/ 57	.0	.4	.3	.1	.2	.2	.1	.1	.0									333	333	177	131
56/ 55	.0	.4	.2	.2	.2	.2	.1	.0										401	402	252	172
54/ 53	.1	.5	.5	.3	.3	.3	.1	.0										536	538	254	233
52/ 51	.2	.6	.4	.4	.4	.2	.1	.0										600	600	372	258
50/ 49	.3	.7	.5	.5	.5	.2	.0	.0										739	740	552	362
48/ 47	.1	.7	.6	.6	.5	.2	.0											710	712	571	345
46/ 45	.2	.9	.7	1.0	.4	.1	.0											871	871	738	390
44/ 43	.2	1.0	1.1	1.1	.4	.1	.0											1030	1030	831	458
42/ 41	.3	1.3	1.5	1.0	.4	.1												1222	1222	929	627
40/ 39	.3	1.7	2.5	1.3	.5	.1												1615	1615	1234	746
38/ 37	.5	2.5	2.4	1.3	.2	.0												1782	1782	1573	971
36/ 35	.4	3.2	2.7	1.0	.2	.0												1944	1944	1909	1136
34/ 33	.5	4.0	3.2	.8	.1													2238	2238	2037	1446
32/ 31	.5	3.6	2.8	.7	.0	.0												1989	1989	2429	1998
30/ 29	.5	3.9	2.6	.5	.0													1951	1954	2122	2065
28/ 27	.4	3.5	1.8	.2														1523	1525	2207	1658
26/ 25	.5	3.2	1.2	.1														1311	1312	1757	1910
24/ 23	.3	2.7	.9	.1														1014	1014	1379	1859
22/ 21	.2	1.7	.7	.0														697	697	996	1642
20/ 19	.2	1.4	.4	.0														542	544	724	1244
18/ 17	.2	1.3	.3															468	470	602	1221
16/ 15	.2	1.1	.2															393	393	486	972
14/ 13	.2	.9	.1															308	308	387	821
12/ 11	.1	.8	.0															244	245	323	631
10/ 9	.1	.6	.0															195	195	240	446

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | DEC MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7	.1	.6																169	170	167	436
6/ 5	.0	.4																114	114	157	337
4/ 3	.1	.2																65	66	96	345
2/ 1	.0	.1																43	44	51	259
0/ -1	.0	.1																20	20	30	187
-2/ -3	.0	.1																22	22	20	105
-4/ -5	.0	.0																10	10	18	144
-6/ -7	.0																	1	1	4	68
-8/ -9																					46
-10/-11																					29
-12/-13																					34
-14/-15																					12
-16/-17																					7
-18/-19																					2
TOTAL	6.9	44.7	28.5	11.6	4.8	2.1	.8	.3	.1	.0	.0	.0						25886	25906	25887	25885

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	144589467	1894483	73.2	15.149	25886							
Dry Bulb	34986447	901457	34.8	11.818	25906	1.5	318.6	2.9	.3			744
Wet Bulb	29261875	823933	31.8	10.833	25887	2.1	408.0	.1				744
Dew Point	22283927	687809	26.6	12.443	25865	18.2	531.1	.1				744

USAFETAC FORM 0-26-5 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.1														2	2		
64/ 63		.1	.0															3	3		
62/ 61		.1	.1	.1														9	9	5	
60/ 59		.2	.0	.1														10	10	4	6
58/ 57	.0	.4	.1	.1														21	21	12	6
56/ 55	.2	.5	.4	.0	.0													33	33	24	19
54/ 53	.0	.4	.2		.0													21	21	26	17
52/ 51	.2	.6	.2	.1	.0													33	33	24	24
50/ 49	.2	.5	.4	.2	.1													41	41	33	36
48/ 47	.1	.5	.4	.2	.2													41	41	33	28
46/ 45	.2	.9	.3	.5	.2													63	63	44	32
44/ 43	.1	.8	.6	.3	.1													60	60	42	32
42/ 41	.4	1.0	.5	.3	.1	.0												73	73	65	52
40/ 39	.4	1.6	1.6	1.1	.1													149	149	87	50
38/ 37	.6	1.8	1.8	.5	.2													154	154	103	72
36/ 35	.8	2.7	1.8	.6	.0													183	183	170	92
34/ 33	.9	5.2	2.3	.4														272	272	201	124
32/ 31	.8	4.3	2.7	.2														247	247	262	175
30/ 29	.4	5.6	1.9	.2														251	251	242	220
28/ 27	.4	4.7	1.2	.0														197	197	326	172
26/ 25	.8	3.9	.8															174	174	188	237
24/ 23	.4	3.3	1.2	.0														157	157	160	218
22/ 21	.4	4.0	.6															156	156	163	167
20/ 19	.2	3.2	.5															121	121	146	163
18/ 17	.2	2.7	.3															99	99	132	149
16/ 15	.5	2.4	.3															99	99	120	126
14/ 13	.3	2.0	.2															79	79	75	123
12/ 11	.3	2.0	.0															75	77	95	124
10/ 9	.5	1.8	.1															76	76	78	97
8/ 7	.2	1.6																58	58	59	87
6/ 5	.3	.9	.0															36	36	56	99
4/ 3	.1	.8																28	28	31	50
2/ 1	.1	.8																28	28	33	50
0/ -1	.4	.6																30	30	27	49

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Sulb	Dew Point
-2/ -3	.2	.5																20	20	26	33
-4/ -5		.4																12	12	13	39
-6/ -7	.0	.1	.0															5	5	9	30
-8/ -9	.0	.1																4	4	5	23
-10/-11	.1																	3	3	4	31
-12/-13																					24
-14/-15																					9
-16/-17																					17
-18/-19																					10
-20/-21																					4
-22/-23																					1
-24/-25																					1
-26/-27																					1
-30/-31																					2
-32/-33																					1
TOTAL	10,6	62,8	20,6	4,9	1,0	,0													3125		3122
																		3123		3123	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	18566746	237084	75,9	13,427	3122							
Dry Bulb	2981354	88084	28,2	12,633	3125	2,2	58,2	,1				93
Wet Bulb	2616213	82001	26,3	12,179	3123	2,5	67,0					93
Dew Point	2082339	66649	21,3	14,537	3122	8,2	75,4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67				.0														1	1		
66/ 65			.0	.0														2	2		
62/ 61	.0	.1	.1	.1														10	10	4	
60/ 59	.1	.2																10	10	8	8
58/ 57	.0	.4		.1														16	16	11	9
56/ 55	.3	.4	.4															32	32	26	19
54/ 53	.0	.5	.1	.0		.0												23	23	16	14
52/ 51	.1	.4	.2	.1														25	25	31	26
50/ 49	.2	.4	.3	.2														34	34	26	31
48/ 47	.1	.7	.3	.1	.1													39	39	20	19
46/ 45	.2	.8	.3	.5	.2													63	63	47	27
44/ 43	.2	1.1	.4	.3	.2													67	67	48	34
42/ 41	.4	.7	.4	.4	.1													62	62	58	59
40/ 39	.6	1.3	1.0	.3														103	103	82	60
38/ 37	.6	1.9	1.3	.5	.0													136	136	97	59
36/ 35	.7	2.5	1.7	.4	.1													169	169	130	83
34/ 33	.8	5.0	2.3	.4	.0													267	267	172	98
32/ 31	.8	5.3	2.1	.2														263	263	276	172
30/ 29	.7	5.1	1.8	.1														244	244	286	202
28/ 27	.5	4.3	1.4	.0														195	195	250	199
26/ 25	.3	4.9	1.1	.1														209	209	214	232
24/ 23	.4	2.9	.5	.0														119	119	188	185
22/ 21	.4	3.6	.6															146	146	125	182
20/ 19	.4	3.5	.3															132	132	150	160
18/ 17	.2	4.0	.4															143	143	144	151
16/ 15	.6	2.8	.3															116	116	141	122
14/ 13	.5	2.5	.2															98	98	106	136
12/ 11	.5	1.9	.1															78	78	105	113
10/ 9	.4	1.3	.1															58	58	65	117
8/ 7	.4	1.5	.0															60	62	59	100
6/ 5	.3	1.0																40	41	54	102
4/ 3	.2	.9																35	36	39	50
2/ 1	.2	1.2																43	43	41	53
0/ -1	.6	.4																29	29	39	48

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 36,40-72 (YEARS) JAN (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3	.3	.8																33	33	31	43
-4/ -5	.2	.3																14	14	23	48
-6/ -7	.2	.3																14	14	15	34
-8/ -9	.1		.0															3	3	3	21
-10/-11	.1		.0															5	5	4	30
-12/-13		.0																1	1	1	29
-14/-15																				2	17
-16/-17																					21
-18/-19																					11
-20/-21																					6
-22/-23																					1
-26/-27																					1
-30/-31																					2
-38/-39																					1
TOTAL	12.7	64.1	17.0	3.9	.7	.0												3137	3141	3137	3135

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	19129522	241310	77.0	13.310	3135							
Dry Bulb	2822002	84956	27.0	12.920	3141	2.9	61.6	.0				93
Wet Bulb	2502060	79416	25.3	12.520	3137	3.5	70.0					93
Dew Point	2024006	64626	20.6	14.857	3135	9.3	76.8					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.0														1	1		
66/ 65			.1															3	3		
64/ 63			.1															2	2		
62/ 61		.2	.0	.1														11	11	6	
60/ 59	.0	.3	.0															11	11	12	12
58/ 57		.2	.1															9	9	7	10
56/ 55		.6	.2	.0														26	26	16	6
54/ 53	.1	.3	.0															15	15	25	22
52/ 51	.2	.5	.3		.0													32	32	22	24
50/ 49	.2		.3	.0														29	29	27	29
48/ 47	.2	.6	.3	.1	.1													40	40	31	21
46/ 45	.1	.8	.2	.5														53	53	35	33
44/ 43	.3	1.0	.3	.2	.1													56	56	45	34
42/ 41	.6	.7	.6	.4	.0													70	70	52	53
40/ 39	.6	1.7	.9	.4														112	112	91	55
38/ 37	.3	1.7	1.0	.5														110	110	81	47
36/ 35	.6	3.2	1.6	.4														183	184	129	77
34/ 33	.7	4.3	2.2	.3														235	235	172	131
32/ 31	.5	6.0	1.8	.2														264	264	243	145
30/ 29	.9	5.2	1.5	.1	.0													245	245	300	196
28/ 27	.6	5.3	1.2															223	223	237	186
26/ 25	.6	4.2	.7		.0													173	173	219	230
24/ 23	.5	3.8	.6															155	155	197	196
22/ 21	.6	3.2	.3															126	126	141	209
20/ 19	.6	3.5	.3															138	138	139	147
18/ 17	.4	3.6	.4															136	136	143	132
16/ 15	.5	3.7	.1															135	135	140	137
14/ 13	.5	2.5	.2															102	102	120	111
12/ 11	.4	2.2																81	81	99	124
10/ 9	.6	1.5	.0															67	67	81	123
8/ 7	.5	1.4																59	60	65	115
6/ 5	.3	1.1																44	44	48	85
4/ 3	.3	1.0																42	42	46	75
2/ 1	.2	1.2																43	43	43	49

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1	.8	.4																37	37	47	58
-2/ -3	.1	.7																27	27	25	46
-4/ -5	.1	.4																16	19	22	36
-6/ -7	.2	.2																12	12	15	43
-8/ -9	.3	.0																10	10	11	23
-10/-11	.2		.0															6	6	6	29
-12/-13		.0																1	1		27
-14/-15																				2	9
-16/-17																					21
-18/-19																					13
-20/-21																					13
-22/-23																					1
-24/-25																					2
-30/-31																					2
TOTAL	13.4	68.0	15.1	3.2	.3													3145			3137
																		3140		3140	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19380638	243378	77.6	12.610	3137							
Dry Bulb	2740513	83295	26.5	13.036	3145	3.3	63.5	.0				93
Wet Bulb	2444121	78103	24.9	12.639	3140	3.8	70.8					93
Dew Point	1989528	63706	20.3	14.895	3137	9.6	76.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71					.0	.0												2	2		
70/ 69			.1	.0														5	5		
68/ 67				.1														4	4		
66/ 65			.1	.0			.0											5	5	5	
64/ 63		.1	.3	.0	.0													14	14	2	2
62/ 61		.1	.2	.1														13	13	13	5
60/ 59		.2	.2	.0	.1													15	15	12	11
58/ 57	.0	.4	.4	.1		.0	.0											31	31	17	17
56/ 55	.1	.4	.2	.1	.0	.1	.0											29	29	28	16
54/ 53	.0	.4	.3	.2	.1	.1	.0											37	37	26	19
52/ 51		.3	.3	.3	.1	.1												34	34	28	34
50/ 49	.3	.5	.6	.4	.4	.1												70	70	34	28
48/ 47	.1	.6	.4	.5	.5	.2												72	72	41	30
46/ 45	.2	.6	.4	.8	.4	.2												80	80	55	38
44/ 43	.2	.7	.6	.8	.4	.1												88	88	61	36
42/ 41	.3	1.2	.8	1.2	.5	.1												124	125	85	49
40/ 39	.4	1.2	1.9	1.4	.5	.0												169	169	106	59
38/ 37	.4	1.7	2.0	1.4	.2													178	178	138	64
36/ 35	.4	3.0	2.8	1.3	.1													239	239	199	99
34/ 33	.4	4.4	2.8	.7	.0													265	265	243	136
32/ 31	.4	3.1	2.8	.6	.0													217	217	289	221
30/ 29	.5	[illegible]	2.5	.2	.0													214	214	245	222
28/ 27	.2	[illegible]	1.9	.2														173	173	232	167
26/ 25	.1	2.1	1.7	.2														129	129	189	206
24/ 23	.3	2.2	1.3	.1														120	120	124	202
22/ 21	.3	2.8	1.1	.1														132	132	140	210
20/ 19	.2	3.1	.8	.1														130	130	154	122
18/ 17	.2	1.7	1.1															93	93	129	121
16/ 15	.1	2.2	.6															93	93	79	133
14/ 13	.4	1.9	.4															88	88	116	115
12/ 11	.0	1.4	.4															56	56	75	123
10/ 9	.2	1.3	.1															47	47	62	92
8/ 7	.1	1.2	.0															42	42	48	100
6/ 5		.9																27	27	40	70

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3		.8																25	25	25	83
2/ 1	.0	.8	.0															26	26	31	45
0/ -1	.2	.2																14	14	23	47
-2/ -3		.5																16	16	20	25
-4/ -5	.0	.2																8	8	6	38
-6/ -7	.0	.0																2	2	6	44
-8/ -9	.1																	3	3	3	22
-10/-11																					17
-12/-13																					19
-14/-15																					11
-16/-17																					15
-18/-19																					8
-20/-21																					9
-22/-23																					4
-24/-25																					4
-34/-35																					1
TOTAL	6.2	49.2	29.0	10.8	3.5	1.2	.1											3129	3130	3129	3129

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16409140	221530	70.8	15.225	3129							
Dry Bulb	3490768	96270	30.8	13.012	3130	1.3	49.2	.3				93
Wet Bulb	2937245	87775	28.1	12.323	3129	1.7	60.5					93
Dew Point	2211881	68721	22.0	14.987	3129	7.8	74.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75							.0											1	1		
74/ 73					.1		.1	.1										9	9		
72/ 71				.0	.0	.0		.0										4	4		
70/ 69						.1	.1											6	6		
68/ 67		.0	.0	.1	.2	.0												11	11		
66/ 65			.2	.0	.3		.0	.0										16	16	5	1
64/ 63		.1	.0	.2	.2	.1	.0	.1	.0									21	21	4	3
62/ 61		.2	.2	.4	.1	.1	.1	.1	.1									38	38	16	2
60/ 59	.0	.2	.4	.2	.1	.2	.1	.3										47	47	26	16
58/ 57	.0	.2	.2	.2	.1	.3	.3	.2	.0									47	47	33	18
56/ 55		.3	.3	.4	.4	.4	.3	.0										64	64	31	13
54/ 53		.5	.2	.4	.5	.7	.2	.1										75	75	30	34
52/ 51	.0	.4	.3	.5	.4	.5	.3	.0										75	75	40	36
50/ 49	.2	.7	.2	.6	.8	1.1	.3											119	119	52	43
48/ 47	.2	.5	.3	.8	1.1	.4	.1											106	107	89	41
46/ 45	.1	.5	.5	1.1	1.1	.6	.1											127	127	90	39
44/ 43	.1	.5	.8	1.4	1.3	.2	.0											139	139	87	41
42/ 41	.2	.6	.9	1.6	1.0	.3	.0											146	146	117	48
40/ 39	.2	.8	1.3	1.3	1.2	.1												154	154	166	65
38/ 37	.2	2.0	2.1	1.7	.5	.0												206	206	190	74
36/ 35	.4	3.1	2.2	1.9	.2													242	242	230	132
34/ 33	.2	3.0	2.5	1.2	.3	.1												223	223	256	171
32/ 31	.4	1.8	1.5	1.3	.2	.0												163	163	293	223
30/ 29	.2	2.5	2.6	1.1	.1													201	201	181	229
28/ 27	.1	1.5	2.3	.6	.1													143	143	185	159
26/ 25	.0	1.4	2.0	.4														120	120	169	199
24/ 23	.0	1.3	1.7	.3														102	102	144	186
22/ 21	.0	1.7	1.8	.3		.0												122	122	124	191
20/ 19	.1	1.2	1.1	.1														80	80	130	126
18/ 17	.1	1.2	1.3	.0														83	83	97	122
16/ 15		1.0	1.1															65	65	75	130
14/ 13	.1	.6	.7															44	44	72	111
12/ 11	.2	.8	.5															48	48	67	117
10/ 9		.6	.1															22	22	44	85

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

1200-1400 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7	.0	.5	.0															18	18	29	98
6/ 5		.6																18	18	15	70
4/ 3		.5																16	16	21	60
2/ 1		.2																6	6	13	41
0/ -1	.1																	3	3	9	31
-2/ -3		.1																4	4	4	37
-4/ -5		.1																2	2	2	34
-6/ -7		.0																1	1	1	31
-8/ -9																					18
-10/-11																					18
-12/-13																					20
-14/-15																					10
-16/-17																					2
-18/-19																					6
-20/-21																					2
-22/-23																					3
TOTAL	3.2	30.9	29.5	17.9	10.0	5.4	2.0	.9	.1									3137	3138	3137	3136

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	13743037	200257	63,9	17,455	3136							
Dry Bulb	4502316	111266	35,5	13,326	3138	.3	37,4	.9	.3			93
Wet Bulb	3534173	98345	31,4	11,993	3137	.5	49,7					93
Dew Point	2421872	74098	23,6	14,631	3136	6,3	70,0					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLE[illegible] STATION NAME | 38,40-72 YEARS | JAN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75																		1	1		
74/ 73				.0	.0	.0												3	3		
72/ 71					.0	.1	.1	.[illegible]	.0									7	7		
70/ 69					.0	.1												4	4		
68/ 67			.1		.2	.1	.0		.1									12	12	1	
66/ 65			.0		.2		.0	.0	.1									12	12	2	1
64/ 63		.0	.2	.1	.2	.1	.0	.[illegible]		.0								24	24	5	1
62/ 61		.3	.2	.2	.1	.0	.0	.2	.0									31	31	8	3
60/ 59	.1		.3	.2	.1	.1	.0	.1	.1	.0								34	34	25	14
58/ 57	.0	.2	.3	.2	.2	.3	.3											47	47	23	6
56/ 55		.3	.4	.3	.5	.5	.2	.[illegible]										74	74	32	19
54/ 53	.1	.2	.1	.3	.5	.3	.3	.1										58	58	35	33
52/ 51	.1	.6	.2	.4	.7	.4	.3	.0										85	85	44	40
50/ 49	.1	.7	.4	.6	.7	.7	.1											105	105	53	35
48/ 47	.1	.3	.6	.9	.9	.7	.1											113	113	78	45
46/ 45		.4	.5	1.2	1.2	.5	.1											123	123	86	32
44/ 43	.1	.9	1.0	1.1	1.6	.4	.1											160	160	92	38
42/ 41	.2	.9	1.0	1.5	1.3	.2												156	156	133	58
40/ 39	.2	.9	1.4	1.3	.9	.1												148	148	166	76
38/ 37	.2	1.7	1.6	2.1	.3													184	184	181	101
36/ 35	.4	2.8	2.8	1.5	.3													248	248	232	129
34/ 33	.4	3.5	1.8	1.3	.1													222	222	285	155
32/ 31	.4	2.2	2.4	1.5	.2													211	211	264	226
30/ 29	.3	2.2	2.7	1.0														194	194	194	229
28/ 27	.1	1.5	2.1	.5	.0													134	134	205	157
26/ 25	.0	1.4	2.5	.4														139	139	168	226
24/ 23	.1	1.3	2.3	.5														130	130	130	167
22/ 21	.0	1.4	1.0	.1														83	83	155	190
20/ 19	.1	1.0	1.4	.1														82	82	124	128
18/ 17	.1	1.0	1.6	.2														91	91	72	120
16/ 15	.1	1.0	.7															58	58	91	141
14/ 13		.6	.3															30	30	78	105
12/ 11	.2	1.0	.3															50	50	46	137
10/ 9	.0	1.0	.2															39	39	47	81

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dr/ Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7		.4	.0															14	14	36	86
6/ 5		.5																17	18	14	56
4/ 3		.2																5	5	18	57
2/ 1		.2																7	7	7	56
0/ -1		.1																2	2	6	37
-2/ -3		.1																2	2	2	35
-4/ -5		.1																4	4	3	33
-6/ -7																				2	16
-8/ -9																					20
-10/-11																					16
-12/-13																					15
-14/-15																					7
-16/-17																					2
-18/-19																					0
-20/-21																					2
-22/-23																					1
-24/-25																					0
TOTAL	3,331	230,5	17,6	10,2	4,6	1,7	,6	,3	,1										3144		3143
																		3143		3143	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	14014907	202715	64,5	17,300	3143							
Dry Bulb	4453671	111117	35,3	12,943	3144	,2	38,2	,8	,1			93
Wet Bulb	3514849	98505	31,3	11,666	3143	,4	49,2	,0				93
Dew Point	2422974	74736	23,8	14,337	3143	5,8	69,7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE, MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.0														1	1		
70/ 69				.0	.1													3	3		
66/ 65		.1	.1	.1		.0												8	8	1	
64/ 63			.1	.2														10	10	5	1
62/ 61		.2	.0	.1	.0	.1			.1									17	17	2	2
60/ 59	.0	.2	.2	.0	.1													15	15	21	15
58/ 37	.0	.2	.2	.2	.1	.0		.1										25	25	15	8
56/ 55	.0	.5	.4	.1														34	34	13	16
54/ 53	.1	.3	.4	.3	.0	.1		.1										37	37	26	20
52/ 51	.2	.6	.4	.2	.4	.2												65	65	45	29
50/ 49	.2	.6	.5	.4	.1	.1	.0											60	60	45	30
48/ 47	.2	.5	.5	.6	.4	.2												80	80	--	50
46/ 45	.1	.7	.6	.5	.4	.0												74	74	54	31
44/ 43	.2	.8	.8	.9	.5	.1												104	104	64	44
42/ 41	.2	1.2	1.4	1.3	.5													143	143	89	50
40/ 39	.3	1.1	2.0	1.4	.4	.0												166	166	112	67
38/ 37	.4	1.3	2.4	1.9	.1													192	192	151	72
36/ 35	.7	3.1	2.9	1.4	.1		.0											257	257	216	115
34/ 33	.4	4.2	2.6	.6	.0													246	246	257	122
32/ 31	.5	4.0	3.1	.4														250	250	304	223
30/ 29	.4	3.6	3.1	.5														241	241	252	245
28/ 27	.2	2.4	2.2	.1														152	152	249	177
26/ 25	.4	2.4	2.2	.2														160	160	190	236
24/ 23	.1	2.3	2.1	.0														142	142	141	186
22/ 21	.1	2.2	1.2															109	109	143	191
20/ 19	.1	2.7	1.0															118	118	143	144
18/ 17	.1	2.6	.6			.0												104	104	123	135
16/ 15	.3	1.2	.6			.0												66	66	105	130
14/ 13	.1	1.1	.4															51	51	59	114
12/ 11	.2	1.2	.2															51	51	56	132
10/ 9	.2	1.3	.2															52	52	62	81
8/ 7	.1	.9	.1															33	33	42	86
6/ 5	.0	.8																26	26	33	77
4/ 3	.1	.4																15	15	29	56

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
2/ 1		.4																13	13	16	41
0/ -1	.1	.1																8	8	10	39
-2/ -3		.2																5	5	7	26
-4/ -5																				2	42
-6/ -7		.2																5	5	4	26
-8/ -9	.0																	1	1	2	16
-10/-11																					19
-12/-13																					12
-14/-15																					7
-16/-17																					6
-18/-19																					6
-22/-23																					2
-24/-25																					4
TOTAL	6.0	45.5	32.5	11.7	3.2	.9	.1	.1	.1									3139	3139		3137
																		3139		3139	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16547122	222886	71.1	15.056	3137							
Dry Bulb	3655331	100059	31.9	12.184	3139	.6	47.5	.1				93
Wet Bulb	3073303	91271	29.1	11.562	3139	.7	58.4					93
Dew Point	2302752	72594	23.1	14.093	3137	6.1	72.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
70/ 69				.1	.0														3	3		
66/ 65				.0															1	1	1	
64/ 63			.1	.1															5	5	1	
62/ 61		.1			.0														5	5	1	1
60/ 59	.1	.2	.1		.1	.1													17	17	15	9
58/ 57	.0	.5	.2	.1															26	26	7	9
56/ 55	.1	.6	.4	.1	.0														36	36	26	16
54/ 53	.1	.4	.2	.1	.0		.0												24	24	30	23
52/ 51	.2	.4	.3	.1	.0	.1	.0												35	35	30	25
50/ 49	.2	.5	.6	.3	.2	.1													60	60	37	33
48/ 47	.1	.5	.3	.2	.4														49	49	30	32
46/ 45	.1	1.0	.3	.6	.0														65	65	51	29
44/ 43	.2	.8	.5	.5	.3	.0													73	73	55	49
42/ 41	.2	1.0	1.1	.9	.3														108	108	67	44
40/ 39	.4	1.1	1.7	1.0	.1														135	135	84	51
38/ 37	.4	1.5	2.2	1.1	.2														171	171	122	64
36/ 35	.9	3.1	2.5	.7	.0														222	222	190	98
34/ 33	1.0	4.5	2.5	.8															273	273	248	142
32/ 31	.6	5.2	2.7	.5															283	283	260	183
30/ 29	.5	4.4	2.0	.2															225	225	282	243
28/ 27	.3	3.9	1.5	.1															178	178	281	177
26/ 25	1.0	3.5	1.6	.0															193	193	199	244
24/ 23	.2	3.3	1.1																144	144	166	236
22/ 21	.3	2.9	1.0																130	130	149	182
20/ 19	.2	3.2	.7																130	130	138	143
18/ 17	.1	1.9	.4																73	73	128	132
16/ 15	.5	2.3	.6																105	105	94	128
14/ 13	.4	1.8	.2																75	76	89	123
12/ 11	.2	1.8	.1																68	68	90	130
10/ 9	.3	1.4	.4																64	64	59	95
8/ 7	.3	.9	.0																38	38	56	86
6/ 5	.1	1.2																	42	42	40	73
4/ 3	.0	.6																	20	20	36	39
2/ 1	.1	.6																	23	23	29	61

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1	.4	.2																19	19	23	34
-2/ -3		.3																10	10	8	35
-4/ -5		.3																8	8	9	45
-6/ -7																				5	25
-8/ -9	.1																	3	3	3	27
-10/-11																					28
-12/-13																					16
-14/-15																					10
-16/-17																					7
-18/-19																					2
-20/-21																					2
-22/-23																					3
-24/-25																					1
-26/-27																					4
TOTAL	9.5	56.0	24.9	7.5	1.7	.3	.1											3139	3140	3139	3139

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	17976504	233428	74.4	14.033	3139							
Dry Bulb	3239859	93177	29.7	12.300	3140	1.2	54.3	.1				93
Wet Bulb	2799419	86129	27.4	11.790	3139	1.4	63.5					93
Dew Point	2180202	69720	22.2	14.188	3139	7.1	74.5					93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65			.0	.1														3	3		
64/ 63		.0	.0	.2														9	9		
62/ 61			.0	.0														2	2	2	
60/ 59		.2	.2	.0														15	15	4	2
58/ 57		.3	.1	.1														16	16	20	6
56/ 55		.3	.2	.1	.0	.0												17	17	14	18
54/ 53	.0	.5	.1	.2	.1													27	27	18	20
52/ 51	.1	.9	.1	.2	.1													40	40	28	17
50/ 49	.3	.2	.3	.2	.1													33	33	35	38
48/ 47	.3	.2	.5	.3	.2		.1											45	45	29	24
46/ 45	.4	.7	1.0	.7	.2													85	85	33	18
44/ 43	.6	1.1	1.0	.9	.2													108	108	68	40
42/ 41	.4	1.1	1.7	.5	.0													105	105	80	57
40/ 39	.5	2.3	2.0	.5	.0													153	153	119	67
38/ 37	.3	2.9	2.5	.8	.1	.1												192	192	159	85
36/ 35	.5	4.8	2.1	.6	.1													229	229	191	126
34/ 33	.6	4.7	3.1	.4														250	250	248	185
32/ 31	1.0	5.4	3.8	.3														299	299	244	221
30/ 29	.6	6.2	2.7	.2														276	277	285	206
28/ 27	.7	4.8	2.0	.1														216	216	336	143
26/ 25	.3	3.7	1.3	.1														153	153	202	262
24/ 23	.2	3.1	.8	.0														118	118	154	264
22/ 21	.2	2.4	.8	.1														103	103	126	191
20/ 19	.2	2.1	.4															77	78	105	121
18/ 17	.1	1.4	.4															54	54	74	126
16/ 15	.1	1.5	.2															53	53	58	107
14/ 13	.2	1.6	.2															59	62	55	90
12/ 11	.1	1.0	.1															31	31	55	92
10/ 9	.	.7	.1															26	26	34	50
8/ 7	.2	.7	.0															25	25	29	55
6/ 5	.1	.6																20	20	22	47
4/ 3		.2																7	7	14	43
2/ 1		.2																6	6	7	35
0/ -1	.0	.0																2	2	5	18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ -3	.0	.0																2	2	3	22
-4/ -5		.0																1	1		25
-6/ -7	.0	.0																2	2	3	10
-8/ -9																					14
-10/-11																					6
-12/-13																					2
-14/-15																					1
-16/-17																					1
-18/-19																					2
-20/-21																					2
-26/-27																					1
TOTAL	8.1	55.9	27.7	6.8	1.3	.1	.1												2864		2860
																		2859		2859	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	17077640	217644	76.2	13.275	2858							
Dry Bulb	3209566	91014	31.8	10.527	2864	.2	45.0					84
Wet Bulb	2789461	84471	29.5	10.137	2859	.3	53.2					84
Dew Point	2199814	71134	24.9	12.272	2860	3.1	63.4					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.1															2	2		
62/ 61			.1	.2														8	8		
60/ 59		.1	.1															6	6	2	
58/ 57	.1	.5	.2	.0														22	22	13	8
56/ 55	.1	.2	.2															15	15	21	14
54/ 53	.2	.5	.2	.1	.1													32	32	21	21
52/ 51	.2	.5	.1	.1														26	26	29	24
50/ 49	.2	.4	.2	.1														24	24	25	26
48/ 47	.4	.4	.4	.1	.1													42	42	24	29
46/ 45	.4	.6	.6	.4														57	57	35	25
44/ 43	.4	1.0	.6	.4	.1													71	71	47	29
42/ 41	.2	1.4	.9	.4	.1													91	91	61	44
40/ 39	.4	2.1	1.9	.3														133	133	93	59
38/ 37	.5	3.4	1.9	.5	.0	.0												180	180	126	83
36/ 35	.5	4.1	2.3	.6	.1													216	216	191	90
34/ 33	.9	5.2	2.6	.4	.0													258	258	220	182
32/ 31	.9	5.3	3.1	.1	.0													268	268	252	196
30/ 29	.7	6.3	2.3	.1														272	275	261	195
28/ 27	.7	6.7	1.7	.1														260	261	348	169
26/ 25	.6	5.0	1.0	.1														192	192	240	243
24/ 23	.2	3.0	.8	.1														116	116	168	272
22/ 21	.4	3.0	.4															107	107	139	227
20/ 19	.5	2.6	.4															99	100	111	113
18/ 17	.1	1.8	.2															63	63	83	144
16/ 15	.2	1.9	.2															67	67	66	119
14/ 13	.1	1.6	.2															56	56	68	91
12/ 11	.2	1.6	.0															53	56	56	79
10/ 9	.3	.9	.0															34	34	52	55
8/ 7	.1	.7	.0															26	26	28	57
6/ 5	.2	.6																22	22	26	60
4/ 3	.0	.5																16	16	21	42
2/ 1		.3																9	9	10	40
0/ -1	.1	.2																11	11	15	23
-2/ -3																				2	29

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					17
-6/ -7		.0																1	1		15
-8/ -9	.0																	1	1	2	15
-10/-11		.0																1	1	1	9
-12/-13																					8
-14/-15																					1
-16/-19																					2
-22/-23																					2
TOTAL	9.7	62.7	22.8	4.1	.7	.0												2857	2865	2857	2857

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	17796881	222603	77.9	12.591	2857							
Dry Bulb	2959560	86900	30.3	10.632	2865	.4	49.3					84
Wet Bulb	2609372	81150	28.4	10.324	2857	.6	57.3					84
Dew Point	2092846	68746	24.1	12.393	2857	3.6	65.4					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65				.0														1	1		
62/ 61		.1	.1															4	4		
60/ 59		.1	.1	.1														8	8	3	1
58/ 57	.0	.2	.2															11	11	9	5
56/ 55	.1	.4	.3	.1	.0													26	26	15	13
54/ 53	.3	.6	.2	.1	.1													34	34	32	20
52/ 51	.1	.3	.1	.1														17	17	16	27
50/ 49	.4	.5	.2	.1	.0	.0												33	33	33	19
48/ 47	.2	.4	.2	.1	.2	.0												36	36	24	25
46/ 45	.5	.7	.2	.4	.1													50	50	34	32
44/ 43	.6	1.2	.5	.2	.1													74	74	38	38
42/ 41	.4	1.2	.9	.5														83	83	53	54
40/ 39	.6	1.8	1.6	.3														124	124	92	55
38/ 37	.6	3.1	1.7	.6														171	171	109	67
36/ 35	.7	4.4	2.8	.2	.1													238	238	186	82
34/ 33	.6	4.7	2.8	.5														245	245	206	181
32/ 31	.9	5.0	3.4	.0	.1													271	271	276	183
30/ 29	1.3	6.4	2.1	.2	.0													288	289	270	215
28/ 27	.7	5.6	1.5	.0														224	224	325	181
26/ 25	.7	4.5	1.2															181	181	207	234
24/ 23	.7	3.6	.5	.2														143	143	212	254
22/ 21	.6	2.6	.5	.1														106	106	124	218
20/ 19	.3	2.6	.6															99	100	102	128
18/ 17	.4	2.1	.4															80	80	105	138
16/ 15	.3	2.0	.0															66	66	74	108
14/ 13	.3	1.2	.2															48	51	62	103
12/ 11	.3	1.6																55	55	54	77
10/ 9	.4	1.4																52	52	58	66
8/ 7	.1	.7																22	23	39	58
6/ 5	.1	.6																20	20	21	52
4/ 3	.1	.6																19	19	19	47
2/ 1		.4																12	13	18	36
0/ -1	.1	.3																10	11	10	42
-2/ -3		.0																1	1	6	28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5	.0																	1	1	1	14
-6/ -7	.0																	1	1	1	20
-8/ -9																					13
-10/-11		.1																2	2		11
-12/-13																				2	8
-14/-15																					1
-22/-23																					1
-24/-25																					1
TOTAL	12.4	60.7	22.4	3.6	.7	.1												2856	2864	2856	2856

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17954754	223454	78.2	12.853	2856							
Dry Bulb	2901599	85829	30.0	10.727	2864	.5	50.1					84
Wet Bulb	2569234	80326	28.1	10.421	2856	.6	58.4					84
Dew Point	2068120	68094	23.8	12.479	2856	4.1	65.8					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
72/ 71							.0	.0											2	2		
70/ 69				.0	.1	.0	.0		.0										6	6		
68/ 67				.1		.1													4	4		
66/ 65			.0	.1	.1	.0													7	7		
64/ 63			.1	.1	.0	.1	.1												13	13	2	
62/ 61		.1	.1	.1	.1	.1													16	16	4	
60/ 59	.0	.4	.1	.2	.1	.1	.1	.1											31	31	21	7
58/ 57		.4	.1	.2	.2	.1	.1												34	34	19	14
56/ 55		.3	.1	.2	.2	.2	.3												40	40	23	18
54/ 53	.1	.3	.2	.3	.5	.2	.1												50	50	26	26
52/ 51	.0	.4	.3	.3	.6	.2	.0												53	53	27	10
50/ 49	.3	.4	.6	.6	.8	.2	.2												89	89	43	36
48/ 47	.3	.7	.5	.7	.6	.2	.1												89	89	66	38
46/ 45	.3	.9	.7	1.3	.7	.4													123	123	78	38
44/ 43	.4	.9	.7	1.2	.9	.1	.0												121	121	111	69
42/ 41	.4	1.1	1.6	1.9	.5	.1													161	161	101	60
40/ 39	.3	1.0	2.6	1.7	.7	.1													185	185	133	73
38/ 37	.2	2.4	2.1	2.4	.3	.0													216	216	166	76
36/ 35	.3	3.5	4.0	1.5	.3	.0													277	277	266	125
34/ 33	.3	3.1	3.2	1.0	.2														228	228	233	182
32/ 31	.6	3.1	3.1	1.1	.0														230	230	307	215
30/ 29	.2	2.7	2.5	.6	.1														176	176	227	217
28/ 27	.3	1.8	2.3	.4	.1														144	144	228	172
26/ 25	.2	2.1	1.7	.3															122	122	151	239
24/ 23	.1	1.5	1.2	.3															86	86	142	224
22/ 21	.1	1.5	1.1	.1															84	84	102	152
20/ 19	.1	1.4	.5																58	59	89	103
18/ 17	.1	1.1	.7																55	55	78	131
16/ 15	.2	.7	.5																38	39	52	114
14/ 13	.1	.9	.6																46	46	38	107
12/ 11		.7	.2																27	27	46	82
10/ 9	.1	.5	.1																19	19	32	48
8/ 7		.2																	7	7	16	43
6/ 5	.0	.3																	10	10	11	43

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3		.2																6	6	9	44
2/ 1	.0	.1																3	3	5	27
0/ -1	.1	.0																3	3	5	31
-2/ -3																					29
-4/ -5																					27
-6/ -7																					12
-8/ -9																					15
-10/-11																					7
-12/-13																					5
TOTAL	5.4	35.1	31.7	17.0	7.2	2.3	1.2	.1	.0										2861		2859
																		2859		2859	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	14351265	197089	68.9	16.357	2859							
Dry Bulb	3926269	100901	35.3	11.339	2861	.1	32.8	.4				84
Wet Bulb	3208197	90983	31.8	10.462	2859	.1	45.2					84
Dew Point	2326903	72849	25.5	12.833	2859	3.7	61.3					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38,40-72 YEARS — FEB MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81										.0								1	1		
80/ 79											.0							1	1		
78/ 77									.0									1	1		
76/ 75							.0	.1		.0								6	6		
74/ 73						.1	.0	.1	.0									6	6		
72/ 71					.1	.2		.1	.0									10	10		
70/ 69			.0	.0	.0	.1	.1	.1	.1	.1								17	17		
68/ 67			.1	.1	.1	.1	.1	.1	.1	.0								23	23		
66/ 65			.1	.1	.0	.1	.1	.3	.1	.1								28	28	2	
64/ 63		.1	.2	.1	.0	.2	.2	.2	.1	.0								31	31	13	1
62/ 61	.1	.1		.1	.2	.2	.4	.1	.2									41	41	23	6
60/ 59	.0	.1	.3	.2	.3	.3	.7	.7	.1									81	81	22	10
58/ 57	.1	.2	.2	.1	.3	.7	.5	.3										72	72	27	20
56/ 55	.1	.3	.3	.2	.3	.6	.2	.1										62	62	27	22
54/ 53	.1	.5	.1	.3	.5	1.0	.5	.2										92	92	45	20
52/ 51	.1	.4	.3	.5	.9	.7	.8	.0	.0									106	106	66	34
50/ 49	.2	.6	.3	.7	1.3	.9	.5	.1										132	132	79	37
48/ 47	.1	.6	.3	1.0	1.4	.9	.3											130	130	106	46
46/ 45	.2	1.1	.5	1.6	1.5	.5	.1	.0										155	155	123	42
44/ 43	.2	.9	.6	1.6	1.2	.3	.1											140	140	140	72
42/ 41	.0	.8	1.1	1.6	1.3	.4	.0											150	150	136	68
40/ 39	.2	1.3	1.9	2.1	1.2	.3												200	201	201	77
38/ 37		2.1	1.9	2.5	.6	.1												205	205	205	99
36/ 35	.2	2.8	1.9	2.1	.6	.1												220	220	233	148
34/ 33	.6	1.9	2.7	1.3	.3	.1												198	198	248	199
32/ 31	.3	1.9	2.0	1.3	.3	.1												167	167	258	237
30/ 29	.1	1.6	2.2	1.4	.1													156	156	184	224
28/ 27	.1	1.2	1.3	.9	.0													103	103	171	159
26/ 25	.1	.7	1.4	.8														87	87	134	206
24/ 23		.6	.8	.3														46	46	114	197
22/ 21		.8	.8	.2														52	52	77	165
20/ 19	.0	.4	1.1	.2														49	49	60	104
18/ 17	.1	.3	.7															35	35	49	114
16/ 15		.3	.3															20	20	43	102

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13		.2	.3															16	16	33	89
12/ 11		.1	.1															8	8	16	58
10/ 9		.1	.0															3	3	11	48
8/ 7		.1																4	4	5	56
6/ 5		.0																1	1	3	40
4/ 3	.1																	2	2	3	25
2/ 1		.0																1	1		26
0/ -1																				1	33
-2/ -3																					30
-4/ -5																					15
-6/ -7																					13
-8/ -9																					11
-10/-11																					4
-12/-13																					1
TOTAL	3.0	22.3	24.0	21.4	12.7	8.2	4.7	2.6	.8	.3	.0							2858	2859	2858	2858

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11799700	175438	61.4	18.992	2858							
Dry Bulb	5075211	115279	40.3	12.223	2859		22.0	1.9	.4	.0		84
Wet Bulb	3851232	100534	35.2	10.497	2858	.0	34.2					84
Dew Point	2552985	76979	26.9	12.956	2858	3.1	57.5					84

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38,40-72 YEARS — FEB MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.1	.0							3	3		
80/ 79											.1							2	2		
78/ 77										.0								1	1		
76/ 75											.0							1	1		
74/ 73						.2	.0	.0	.1									9	9		
72/ 71					.0	.1			.0									6	6		
70/ 69			.0	.0	.1	.1	.0	.1	.1		.0							12	12		
68/ 67			.0	.1	.1	.0	.1	.1	.0	.0								16	16		
66/ 65			.1	.3		.2	.1	.2	.2	.0	.0							34	34	2	
64/ 63		.0	.1	.1	.0	.1	.2	.4	.2	.0								36	36	13	1
62/ 61		.0	.0	.2	.2	.2	.5	.4	.3	.0								54	54	14	2
60/ 59		.0	.1	.3	.2	.5	.4	.3	.0									54	54	22	12
58/ 57	.0	.5	.4	.2	.2	.6	.4	.4	.0									75	75	21	10
56/ 55	.1	.2	.4	.2	.6	.5	.6	.1	.0									79	79	37	23
54/ 53	.0	.5	.1	.3	.5	.9	.5	.2	.1									92	92	46	32
52/ 51	.3	.6	.3	.7	1.2	.8	.6	.4										138	138	68	37
50/ 49	.1	.5	.6	1.0	1.3	.8	.6	.0										142	142	80	40
48/ 47		1.0	.4	1.0	1.7	1.0	.3											152	152	112	36
46/ 45	.2	.8	.6	.9	1.6	.6	.1											136	136	133	51
44/ 43	.2	.6	.7	1.5	1.1	.6	.1											136	136	149	58
42/ 41	.1	.7	1.2	1.1	1.5	.3	.1											147	147	152	82
40/ 39	.2	1.1	1.7	1.9	1.1	.1												176	176	191	84
38/ 37	.2	2.2	1.6	2.5	.5	.2	.1											207	207	209	112
36/ 35	.2	2.1	2.5	2.0	.7	.1												217	217	224	135
34/ 33	.7	2.1	2.5	1.6	.5													213	213	234	187
32/ 31	.5	1.8	2.3	1.6	.5													195	196	266	261
30/ 29	.4	1.8	1.3	.8	.2													131	131	201	198
28/ 27	.2	.9	1.4	.9	.1													101	101	189	180
26/ 25	.2	.6	1.2	.7														76	77	113	220
24/ 23	.1	.5	.7	.7														57	58	109	199
22/ 21	.1	.7	.9	.4														58	59	66	144
20/ 19	.1	.3	.7															31	31	64	126
18/ 17	.1	.3	.6															29	29	59	124
16/ 15		.2	.5															20	20	30	89

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13		.2	.1															9	9	22	61
12/ 11		.0	.0															2	2	17	62
10/ 9		.1	.1															4	4	4	48
8/ 7		.0	.0															2	2	3	42
6/ 5																				3	35
4/ 3		.1																3	3	2	43
2/ 1																				1	33
0/ -1																					25
-2/ -3																					24
-4/ -5																					13
-6/ -7																					5
-8/ -9																					16
-10/-11																					5
-12/-13																					1
TOTAL	4.0	20.5	23.4	21.2	14.0	8.2	4.7	2.6	1.1	.2	.2							2856	2860	2856	2856

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11777290	174864	61.2	19.368	2856							
Dry Bulb	5147802	116422	40.7	11.955	2860		21.2	1.5	.5	.1		84
Wet Bulb	3896699	101381	35.5	10.215	2856		33.8					84
Dew Point	2577624	77654	27.2	12.779	2856	2.6	57.5					84

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71						.0												1	1		
70/ 69								.0										1	1		
68/ 67				.2	.0													6	6		
66/ 65			.1	.1	.0	.0												6	6		
64/ 63		.1	.0	.1	.1	.0	.0											13	13	1	
62/ 61			.0	.1	.1	.1	.0											9	9	11	3
60/ 59	.0	.1	.1	.2	.2	.1	.1											29	29	6	8
58/ 57	.0	.2	.3	.1	.2	.1	.1	.0										32	32	12	6
56/ 55	.2	.7	.4	.2	.2	.5	.2	.0										73	73	30	18
54/ 53	.1	.4	.4	.5	.4	.3	.1											59	59	39	22
52/ 51	.1	.4	.3	.5	.5	.2	.1											63	63	43	35
50/ 49	.2	.8	.6	.6	.9	.1	.2	.0										96	96	43	38
48/ 47	.2	.9	.5	1.2	.6	.2	.1											106	106	74	31
46/ 45	.1	.6	1.5	1.4	.7	.2												129	129	87	49
44/ 43	.3	.8	1.7	1.6	.7	.2												148	148	94	54
42/ 41	.3	1.3	1.6	1.9	.9	.0												170	170	149	66
40/ 39	.2	1.1	2.2	2.0	.6	.1												175	175	162	62
38/ 37	.2	1.6	2.5	2.1	.3	.0												193	193	160	106
36/ 35	.4	3.9	3.5	1.3	.2	.1												266	266	233	151
34/ 33	.8	3.0	3.5	.9	.1	.0												241	241	294	175
32/ 31	.7	3.8	3.3	1.1	.1													257	257	278	251
30/ 29	.4	2.9	2.6	1.0	.0													199	199	253	231
28/ 27	.2	2.0	2.5	.5	.0													149	149	215	202
26/ 25	.2	1.2	1.5	.4														93	93	161	242
24/ 23	.2	1.3	1.1	.3														80	80	132	199
22/ 21	.1	.9	1.3	.1														69	69	90	155
20/ 19	.2	.8	.9	.0														56	58	73	101
18/ 17	.0	.7	.7	.0														41	42	61	110
16/ 15	.0	.6	.4															31	31	49	108
14/ 13	.1	.4	.4															25	25	39	78
12/ 11		.5	.2															19	19	27	60
10/ 9	.0	.1	.0															6	6	17	45
8/ 7		.2	.0															8	8	10	48
6/ 5		.0																1	1	6	50

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (YEARS) FEB (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3		.1																2	2	1	36
2/ 1																				2	34
0/ -1		.0																1	1	1	27
-2/ -3	.0																	1	1	1	17
-4/ -5																					14
-6/ -7																					8
-8/ -9																					5
-10/-11																					7
-12/-13																					1
-14/-15																					1
TOTAL	5.3	31.5	34.2	18.3	7.0	2.5	1.0	.1										2854	2857	2854	2854

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	14351314	196978	69.0	16.281	2854							
Dry Bulb	4115264	104044	36.4	10.688	2857	.1	30.6	.2				84
Wet Bulb	3365913	93853	32.9	9.899	2854	.1	41.7					84
Dew Point	2456435	76011	26.6	12.306	2854	2.4	59.7					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1	.1														5	5		
66/ 65		.0	.1	.1	.0													7	7		
64/ 63			.0	.0														2	2	3	
62/ 61			.1	.1		.0												7	7	6	4
60/ 59		.1	.0	.1	.0													9	9	4	4
58/ 57		.5	.1	.2	.1													27	27	10	4
56/ 55	.0	.4	.2	.1	.1	.1												24	24	18	13
54/ 53	.1	.5	.2	.2	.2	.0	.1											38	33	24	22
52/ 51	.1	.5	.4	.4	.3	.1												51	51	40	19
50/ 49	.4	.4	.4	.4	.4	.1		.0										63	63	31	46
48/ 47	.3	.4	.6	.7	.3	.1												67	67	46	22
46/ 45	.3	1.0	1.0	1.0	.2	.2												107	107	56	37
44/ 43	.6	.8	1.8	.8	.2													117	117	84	55
42/ 41	.3	1.3	2.2	.8	.6	.0												147	147	105	47
40/ 39	.3	2.0	2.4	1.3	.2													177	177	151	61
38/ 37	.2	2.3	2.8	.7	.1	.0												178	178	146	104
36/ 35	.3	3.6	3.6	.7	.1													239	239	209	140
34/ 33	.7	4.4	4.4	.6	.0													286	286	254	197
32/ 31	.7	4.2	4.1	.3	.0													269	269	272	195
30/ 29	.4	5.1	3.3	.6	.0													268	268	307	231
28/ 27	.6	3.2	1.8	.1														165	165	290	186
26/ 25	.1	2.7	2.0	.2														144	144	167	255
24/ 23	.3	2.2	1.2	.1														107	107	148	240
22/ 21		1.4	1.1	.0														73	73	119	181
20/ 19	.2	1.5	.4															60	60	78	115
18/ 17	.0	1.2	.9															60	61	69	108
16/ 15	.1	1.1	.2															41	43	49	110
14/ 13	.0	.9	.5															41	41	51	82
12/ 11	.0	.7	.1															23	23	41	58
10/ 9	.2	.7	.0															26	26	33	62
8/ 7		.4																12	12	20	38
6/ 5	.0	.2																8	8	13	55
4/ 3		.2																6	6	4	50
2/ 1		.1																2	2	8	22

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38,40-72 YEARS | FEB MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					22
-2/ -3	.1																	2	2	2	20
-4/ -5	.0																	1	1	1	25
-6/ -7																					10
-8/ -9																					8
-10/-11																					6
-12/-13																					1
-14/-15																					2
TOTAL	6,544	0	36,0	9,8	3,0	,7	,1	,0										2859	2862	2859	2858

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hu.	16007503	210025	73,5	14,232	2859							
Dry Bulb	3554378	96344	33,7	10,428	2862	,1	38,5	,1				84
Wet Bulb	3020427	88483	30,9	9,933	2859	,1	49,1					84
Dew Point	2315445	73557	25,7	12,158	2858	2,8	61,2					84

USAFETAC FORM 0-26-5 (1L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — MAR MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1	.0													3	3		
70/ 69			.1			.0												4	4		
68/ 67			.1		.1	.1	.1											11	11		
66/ 65		.1	.1	.1	.0	.1												12	12	6	
64/ 63	.0	.2	.5	.0	.3	.2	.0											41	41	6	7
62/ 61		.2	.4	.2	.2	.1	.1	.0										45	45	10	8
60/ 59	.1	.6	.9	.5	.2	.1												79	79	41	15
58/ 57	.2	.7	.5	.7	.3	.0	.1											78	78	55	47
56/ 55	.0	.8	.8	.5	.4	.1	.0	.0										87	89	80	30
54/ 53	.2	1.0	.8	.8	.5	.1												112	113	89	68
52/ 51	.4	1.2	.6	.6	.5	.2	.0											112	112	95	72
50/ 49	.2	.8	1.2	1.1	.8	.1												140	140	104	108
48/ 47	.1	1.3	.9	.8	.5	.1												120	120	102	82
46/ 45	.2	1.2	1.5	1.3	.2													145	145	126	84
44/ 43	.3	1.2	1.8	1.7	.2													166	166	143	101
42/ 41	.2	1.9	2.6	1.2	.1													198	198	145	100
40/ 39	.3	2.3	2.9	1.0	.2													219	219	208	144
38/ 37	.4	3.1	2.8	.7	.1													229	229	257	162
36/ 35	.3	3.1	2.9	1.0	.1													238	238	258	176
34/ 33	.4	2.7	3.0	.4														208	208	215	215
32/ 31	.6	3.9	2.3	.4														233	233	248	293
30/ 29	.4	3.8	3.2	.2														247	247	260	223
28/ 27	.4	3.3	1.4															166	166	238	217
26/ 25	.3	2.2	.8															108	108	209	225
24/ 23	.3	1.9	.5															89	89	119	164
22/ 21	.2	1.0	.3															48	48	77	195
20/ 19	.2	.7	.2															35	35	54	135
18/ 17	.1	.4	.1															21	21	30	96
16/ 15		.3																10	10	20	76
14/ 13	.0	.1																3	3	11	73
12/ 11	.1	.2																9	9	5	24
10/ 9	.0	.1																5	5	8	29
8/ 7		.3																9	9	3	18
6/ 5	.1	.1																5	5	12	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3		.1																2	2	1	6
2/ 1	.1																	2	2	4	6
0/ -1																					9
-2/ -3																					4
-4/ -5																					3
-6/ -7																					6
TOTAL	6.2	41.1	33.0	13.2	4.8	1.3	.3	.1										3239	3242	3239	3237

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19061340	244874	75.6	13.014	3239							
Dry Bulb	5412245	127277	39.3	11.323	3242		28.5	.5				93
Wet Bulb	4618091	117405	36.2	10.580	3239		37.3					93
Dew Point	3742763	103139	31.9	11.877	3237	.6	52.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67		.1	.1		.1													8	8		
66/ 65		.1	.1		.0	.0	.0											8	8	7	2
64/ 63		.2	.2		.1	.0												13	13	2	6
62/ 61	.0	.2	.2	.2	.0	.1	.0											27	27	14	5
60/ 59	.2	.7	.4	.2	.2	.2												64	64	23	17
58/ 57	.1	.6	.8	.5	.2	.0	.0											71	71	37	28
56/ 55	.2	1.2	.8	.3	.3	.0	.0											93	93	57	32
54/ 53	.2	1.0	.5	.5	.0	.0	.1											78	79	90	57
52/ 51	.3	1.2	.3	.6	.5	.2												101	102	91	80
50/ 49	.3	1.2	.8	.4	.4													104	105	86	75
48/ 47	.5	1.3	1.0	.6	.4	.0												124	124	98	102
46/ 45	.1	1.8	1.2	1.0	.2													140	140	108	69
44/ 43	.2	1.7	1.3	.6	.2													131	131	127	85
42/ 41	.2	2.3	2.3	.9														186	186	153	114
40/ 39	.3	2.7	2.7	.8	.0													212	212	168	120
38/ 37	.5	3.6	2.1	.4	.1													216	216	235	144
36/ 35	.5	4.2	3.0	.6	.0													269	269	241	174
34/ 33	.6	3.5	2.5	.4														226	226	238	224
32/ 31	.6	4.7	2.7	.2														267	267	259	273
30/ 29	.5	4.6	2.2	.2														241	241	283	224
28/ 27	.2	3.5	1.4															167	167	254	214
26/ 25	.4	3.8	.8															161	161	202	245
24/ 23	.2	2.3	.5															100	100	165	184
22/ 21	.1	1.9	.3															78	78	85	192
20/ 19	.3	1.5	.2															64	64	78	152
18/ 17	.1	.7																26	26	56	122
16/ 15	.1	.6	.0															24	24	26	78
14/ 13	.0	.2																8	8	20	62
12/ 11	.1	.1																5	5	7	57
10/ 9	.1	.2																11	11	8	27
8/ 7	.0	.2																6	6	9	32
6/ 5		.2																8	8	4	12
4/ 3	.0	.0																2	2	7	4
2/ 1																				1	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1	.0	.0																2	2	2	4
-2/ -3	.0																	1	1	1	3
-4/ -5																					4
-6/ -7																					3
-8/ -9																					5
TOTAL	7.2	52.2	28.5	8.6	2.7	.7	.2												3245		3242
																		3242		3242	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20356581	253783	78.3	12.227	3241							
Dry Bulb	4933734	121286	37.4	11.111	3245	.1	33.6	.2				93
Wet Bulb	4304493	113043	34.9	10.581	3242	.1	42.1					93
Dew Point	3566632	100426	31.0	11.859	3242	.5	54.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
76/ 75			.0		.0													2	2		
72/ 71				.0														1	1	1	
70/ 69																					1
68/ 67		.1	.1	.1		.0												8	8	1	
66/ 65		.1	.2	.1	.2	.1	.1											23	23	3	2
64/ 63		.1	.2	.1	.1	.0												13	13	6	4
62/ 61	.1	.2	.2	.2	.3	.1												33	33	16	9
60/ 59		.3	.3	.3	.2	.0												57	57	24	12
58/ 57	.1	1.1	.5	.4	.3	.0	.0											82	82	43	36
56/ 55	.1	1.1	.8	.6	.1	.2												94	94	80	40
54/ 53	.1	1.3	.4	.4	.3	.1	.0											84	84	83	63
52/ 51	.2	1.2	.5	.7	.3	.2												101	102	92	82
50/ 49	.1	1.1	.6	.5	.4	.0												91	91	79	74
48/ 47	.4	1.4	.7	1.0	.5	.1												133	135	91	77
46/ 45	.5	1.4	.8	1.0	.4	.0												132	132	123	93
44/ 43	.2	1.4	1.8	.9	.1	.0												145	145	102	94
42/ 41	.4	1.9	2.0	1.1	.3	.1												186	186	150	96
40/ 39	.6	2.4	3.2	.8	.2	.0												232	232	188	117
38/ 37	.2	3.2	2.7	1.2	.1													240	240	223	126
36/ 35	.5	3.6	3.0	.8														257	257	257	166
34/ 33	.6	4.0	3.4	.6	.0													281	281	258	253
32/ 31	.4	4.2	2.6	.4														247	247	290	258
30/ 29	.2	3.8	2.0	.2														202	202	290	246
28/ 27	.3	2.7	1.4	.1														145	145	225	205
26/ 25	.4	3.0	1.1															146	146	163	221
24/ 23	.1	1.7	.6															77	77	149	216
22/ 21	.1	1.5	.4															67	67	79	159
20/ 19	.2	1.4	.2															58	58	80	137
18/ 17	.2	.9	.1															40	40	57	117
16/ 15	.0	.4																14	14	26	89
14/ 13	.0	.3																10	10	16	67
12/ 11	.0	.3	.1															13	13	9	48
10/ 9	.1	.1																6	6	13	36
8/ 7	.1	.1																6	6	8	33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	< 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5		.2																5	5	2	17
4/ 3		.1																3	3	6	14
2/ 1	.0	.0																2	2	3	8
0/ -1		.0																1	1		6
-2/ -3	.0																	1	1	2	3
-4/ -5																					6
-6/ -7																					2
-8/ -9																					5
TOTAL	6.5	47.1	30.0	11.4	3.9	1.0	.1											3238	3241	3238	3236

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19615965	248431	76.7	13.167	3239							
Dry Bulb	5077217	123017	38.0	11.221	3241	.1	29.9	.3	.1			93
Wet Bulb	4384439	114031	35.2	10.672	3238	.1	40.7	.1				93
Dew Point	3582202	100268	31.0	12.143	3238	.6	54.4	.0				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.0		.0	.1	.0							5	5		
78/ 77						.0		.1	.1			.0						7	7		
76/ 75						.0	.0	.2	.1	.1	.0							14	14		
74/ 73			.0	.1	.0	.1	.2	.0	.1									20	20		
72/ 71			.0	.1	.2	.2	.1	.1	.1									27	27		
70/ 69			.1	.1	.3	.3	.3	.1	.2	.0								47	47	5	
68/ 67		.0	.2	.4	.4	.2	.4	.2	.1									59	59	3	4
66/ 65		.1	.2	.4	.3	.3	.4	.2	.1									61	61	15	2
64/ 63		.2	.3	.2	.4	.4	.3	.2	.1									68	68	32	7
62/ 61		.5	.3	.4	.4	.4	.5	.2	.0									87	87	60	19
60/ 59	.1	.4	.4	.4	.6	.5	.4	.2	.1									100	100	83	34
58/ 57		.6	.4	.6	.4	.7	.6	.3										110	110	71	51
56/ 55	.0	.7	.6	.2	.7	.7	.4											112	112	88	77
54/ 53	.0	.6	.5	.5	1.0	1.0	.3	.1										127	127	99	64
52/ 51	.2	.7	.5	.8	1.0	1.1	.2											145	145	115	84
50/ 49	.1	1.2	.7	.8	1.7	.8	.1	.0										174	174	110	65
48/ 47	.2	.8	.7	1.1	1.1	.5	.1											150	150	146	98
46/ 45	.1	1.1	.9	1.3	1.4	.4	.1											177	177	170	96
44/ 43	.2	.9	1.2	1.9	1.1	.3	.1											185	185	179	109
42/ 41	.2	1.0	1.4	2.3	1.0	.3	.0											199	199	195	126
40/ 39	.3	1.2	2.7	2.1	1.3	.2												251	251	210	111
38/ 37	.2	1.5	2.2	2.4	.5													223	223	234	166
36/ 35	.1	1.5	2.4	2.0	.3													207	207	274	169
34/ 33	.2	2.0	2.4	1.1	.4													197	197	242	211
32/ 31	.1	1.5	2.0	1.2	.1													160	160	272	243
30/ 29	.0	.5	1.5	.6														88	88	180	268
28/ 27	.1	.7	1.1	.3														72	72	135	192
26/ 25	.1	.5	.8	.1														49	49	103	210
24/ 23		.6	.5	.0														37	37	72	172
22/ 21		.7	.4	.0														37	37	57	160
20/ 19	.1	.2	.2															13	13	35	95
18/ 17		.1	.2															9	9	18	102
16/ 15		.2	.1															9	9	12	90
14/ 13		.2	.0															7	7	10	60

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11	.0	.2																8	8	13	48
10/ 9		.0																1	1	4	34
8/ 7																					27
6/ 5		.0																1	1	1	17
4/ 3																					9
2/ 1																					9
0/ -1																					9
-2/ -3																					2
-4/ -5																					3
TOTAL	2.4	20.5	24.8	21.8	14.6	8.5	4.5	1.8	.9	.2	.1	.0							3243		3243	
																		3243		3243	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	14426207	209171	64.5	16.98	3243							
Dry Bulb	6963442	144776	44.6	12.422	3243		14.1	5.1	1.3	.0		93
Wet Bulb	5431988	127940	39.5	10.892	3243		26.2	.2				93
Dew Point	3954322	105598	32.6	12.614	3243	.4	50.2	.1				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83											.1	.0		.1				6	6		
82/ 81					.0			.1	.1	.1	.1	.2						19	19		
80/ 79					.0	.0	.1	.1	.1	.2	.2	.0						25	25		
78/ 77					.0		.2	.3	.2	.1	.2							33	33		
76/ 75			.0	.1	.1	.2	.2	.3	.2	.3	.1							46	46		
74/ 73			.1	.1	.2	.2	.3	.4	.2	.2	.1							59	59	1	
72/ 71			.1	.2	.3	.3	.3	.2	.4	.4	.1	.0						75	75	3	
70/ 69		.1	.1	.0	.2	.5	.3	.4	.4	.3	.2							80	80	9	3
68/ 67		.0	.0	.2	.4	.2	.6	.4	.2	.2	.1							80	80	19	8
66/ 65		.1	.3	.3	.4	.4	.4	.6	.4	.1								100	100	39	9
64/ 63		.1	.2	.3	.3	.3	.7	.6	.5	.1								101	101	55	11
62/ 61	.1	.2	.3	.3	.3	.4	.7	.8	.3	.1								108	108	83	22
60/ 59	.0	.4	.4	.4	.2	.6	.9	.7	.1	.0								121	121	89	40
58/ 57	.0	.4	.6	.2	.7	.6	1.2	.3	.1									139	139	109	60
56/ 55		.3	.3	.2	.9	1.3	.9	.2	.1	.0								134	134	105	73
54/ 53	.1	.4	.3	.7	.7	1.4	.7	.2	.0									147	147	126	78
52/ 51	.2	.7	.4	.8	.7	1.0	.7	.1										151	151	132	82
50/ 49	.1	.6	.7	.6	1.0	1.4	.6											168	168	168	92
48/ 47	.1	.3	.6	.7	1.1	1.2	.5											148	148	184	88
46/ 45	.1	.6	.6	1.6	1.4	1.1	.1											179	179	202	84
44/ 43	.0	.7	.7	2.1	1.9	.9	.1											207	207	156	123
42/ 41	.1	.7	1.1	1.9	1.8	.4	.1											197	197	181	136
40/ 39	.0	1.1	1.6	1.8	1.4	.3												203	203	220	126
38/ 37	.2	1.0	1.8	2.1	.9	.2												196	196	271	136
36/ 35	.1	1.1	1.4	1.3	.6	.1												146	146	267	224
34/ 33	.1	1.2	1.0	1.3	.3													130	130	228	207
32/ 31	.2	.6	.4	.8	.1													66	66	202	237
30/ 29	.0	.4	.8	.4	.1													56	56	112	233
28/ 27	.0	.5	.5	.2														40	40	103	196
26/ 25	.1	.4	.4	.1														34	34	72	191
24/ 23	.1	.2	.2	.1														19	19	42	165
22/ 21		.1	.2															9	9	25	161
20/ 19		.2	.2															13	13	17	109
18/ 17		.1	.0															4	4	13	100

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26 S (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15		.1	.0															4	4	5	74
14/ 13		.1																2	2	4	59
12/ 11																				3	38
10/ 9																					25
8/ 7																					22
6/ 5																					13
4/ 3																					14
2/ 1																					5
0/ -1																					2
TOTAL	1.7	12.7	15.5	18.8	16.4	12.9	9.6	5.6	3.3	2.1	1.2	.2		.1					3245		3246
																		3245		3245	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11643649	184573	56.9	18.790	3245							
Dry Bulb	8567586	160970	49.6	13.401	3245		7.1	12.1	5.4	1.1		93
Wet Bulb	6204449	137417	42.3	10.897	3245		17.1	.9	.0			93
Dew Point	4172072	108860	33.5	12.674	3246	.1	47.1	.3				93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.0				1	1		
84/ 83									.1		.1	.0	.0					7	7		
82/ 81						.0	.1	.1	.1	.0	.1	.1						14	14		
80/ 79							.1	.1	.2	.1	.2		.0					20	20		
78/ 77					.0	.1	.2	.2	.2	.2	.2	.1						39	39		
76/ 75			.0	.0	.1	.3	.2	.3	.2	.3	.2	.0						54	54		
74/ 73			.0	.2	.2	.4	.4	.2	.3	.2	.0							64	64		
72/ 71			.0	.1	.2	.3	.4	.2	.2	.5	.2	.0						72	72	3	
70/ 69			.0	.0	.2	.3	.4	.4	.3	.3	.1							65	65	7	2
68/ 67		.0	.0	.2	.4	.4	.4	.6	.4	.6	.1							100	100	20	4
66/ 65		.2	.1	.6	.3	.4	.6	.6	.7	.2								119	119	38	7
64/ 63		.2	.2	.2	.2	.3	.6	.7	.4	.0								89	89	53	9
62/ 61	.0	.5	.2	.4	.3	.6	.8	.8	.4	.2								133	133	78	32
60/ 59	.2	.2	.4	.4	.3	.7	.6	.9	.3	.1								136	136	118	56
58/ 57	.0	.3	.6	.4	.5	.7	1.0	.3	.2									130	130	92	60
56/ 55		.6	.2	.8	.6	.9	1.2	.5	.1									157	157	108	63
54/ 53	.1	.6	.3	.6	.7	1.0	.6	.4										144	144	139	64
52/ 51	.3	.7	.6	.5	1.0	1.1	.9	.2										166	166	177	103
50/ 49	.2	.6	.6	.7	1.0	1.4	.5	.1										166	166	179	96
48/ 47		.4	.2	.7	1.2	1.3	.2											130	130	163	88
46/ 45	.2	.5	.5	1.4	1.4	1.6	.1											181	181	186	101
44/ 43		.6	.8	1.8	1.4	1.0	.1											186	186	164	121
42/ 41	.1	.9	1.5	1.5	2.2	.3	.1											213	213	210	116
40/ 39		.8	1.4	2.0	1.2	.5												189	189	199	128
38/ 37	.1	.9	1.7	1.7	.9	.2												178	178	271	146
36/ 35	.0	1.0	1.5	1.4	.5													140	140	226	186
34/ 33	.1	1.2	.9	.8	.3													107	107	243	220
32/ 31	.3	.4	.5	.7	.2													68	68	207	234
30/ 29		.5	.6	.6	.1													57	57	107	226
28/ 27	.2	.4	.4	.3														42	42	84	177
26/ 25		.5	.2	.1														24	24	64	218
24/ 23	.1	.3	.3	.1														24	24	44	160
22/ 21		.1	.1															6	6	26	173
20/ 19	.1	.2	.1															9	9	14	125

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
18/ 17		.1	.0															4	4	10	91
16/ 15		.1	.1															4	4	4	61
14/ 13		.0	.0															2	2	2	54
12/ 11																				4	37
10/ 9																					30
8/ 7																					16
6/ 5																					17
4/ 3																					11
2/ 1																					5
0/ -1																					1
-2/ -3																					1
-6/ -7																					1
TOTAL	2.0	12.7	14.0	18.2	15.1	13.7	9.7	6.5	4.0	2.7	1.0	.2	.1	.0				3240	3240		3240
																				3240	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11440208	181970	56.2	19.409	3240							
Dry Bulb	8751086	162744	50.2	13.341	3240		6.9	12.5	5.7	1.0		93
Wet Bulb	6298834	138498	42.7	10.811	3240		16.2	.9				93
Dew Point	4199927	109125	33.7	12.726	3240	.1	47.0	.2				93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.0	.0								2	2		
76/ 75						.1	.0	.0		.1								7	7		
74/ 73			.0	.1	.1	.1	.1	.1	.1									19	19		
72/ 71			.1	.1	.2	.1	.2	.1	.1									28	28	1	
70/ 69			.1	.3	.4	.4	.2	.2	.0		.0							53	53	1	1
68/ 67			.1	.3	.4	.5	.4	.2	.1									59	59	4	1
66/ 65		.2	.3	.5	.6	.2	.1	.2	.1									67	67	13	2
64/ 63		.1	.3	.4	.5	.7	.4	.2	.1									89	89	33	11
62/ 61	.0	.6	.5	.5	.6	.3	.3	.2	.0									105	105	61	20
60/ 59	.1	.5	.3	.6	.8	.8	.4	.1										119	119	81	50
58/ 57	.0	.3	.5	.6	.5	1.2	.6	.1	.0									125	125	94	48
56/ 55	.1	.9	.7	.4	1.0	.9	.4	.1										147	147	105	59
54/ 53	.0	.9	.6	.6	1.0	1.0	.3	.0										148	148	117	89
52/ 51	.2	1.0	.6	1.2	.9	1.0	.3		.0									167	167	129	102
50/ 49	.1	.7	.9	1.0	1.3	1.0	.2											171	171	145	102
48/ 47	.1	.6	.6	1.2	1.4	.6	.1											151	151	162	94
46/ 45	.2	.6	.7	2.0	1.3	.5	.1											175	175	177	105
44/ 43	.1	.8	1.6	1.6	1.0	.1	.0											169	169	162	97
42/ 41	.2	1.0	2.1	1.8	.8	.2	.0											199	199	202	131
40/ 39	.1	1.3	2.2	2.3	1.2	.1												236	236	219	140
38/ 37	.0	1.3	2.5	2.7	.5	.1												232	232	260	165
36/ 35	.1	1.0	2.4	1.5	.2	.0												170	170	215	187
34/ 33	.3	1.8	2.3	1.2	.3													189	189	257	218
32/ 31	.3	1.1	1.6	.6														121	121	249	265
30/ 29	.1	.9	1.4	.6	.0													96	96	180	228
28/ 27	.1	.9	1.0	.1														68	68	117	184
26/ 25	.1	.6	.5	.2														46	46	98	203
24/ 23	.1	.4	.5	.0														33	33	63	171
22/ 21	.1	.2	.2															15	15	25	159
20/ 19	.1	.2	.1															11	11	33	112
18/ 17	.1	.2	.0															9	9	18	86
16/ 15		.1																4	4	6	60
14/ 13		.1	.0															4	4	4	41
12/ 11	.0	.1																5	5	5	29

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROCESSING BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9		.0																1	1	4	27
8/ 7																					18
6/ 5																					11
4/ 3																					5
2/ 1																					8
0/ -1																					1
-4/ -5																					2
TOTAL	2.6	18.5	22.9	22.5	15.0	10.1	4.2	1.5	.6	.1	.0								3240		3240
																		3240		3240	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14537931	210243	64.9	16.626	3240							
Dry Bulb	7247829	148167	45.7	12.073	3240		11.9	4.8	.8			93
Wet Bulb	5680610	131194	40.5	10.663	3240		23.0	.2				93
Dew Point	4194361	109511	33.8	12.326	3240	.1	46.5	.1				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAR MONTH

 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1														3	3		
72/ 71			.0		.1		.0											5	5		
70/ 69				.1	.1	.2		.1										15	15	2	
68/ 67			.1	.1	.2	.2	.1											21	21	2	
66/ 65		.2	.3	.4	.3	.2	.1	.0										53	53	2	4
64/ 63	.0	.1	.5	.5	.3	.2	.1	.0										58	58	13	7
62/ 61	.0	.4	.6	.6	.3	.3	.2	.0	.0									79	79	32	8
60/ 59		.8	.6	.6	.4	.2	.0		.0									90	90	66	29
58/ 57	.1	.7	.6	.7	.6	.4					.0							100	102	85	52
56/ 55		1.0	.7	.8	.7	.4	.1											117	117	83	60
54/ 53	.4	.7	.8	.9	.6	.5	.1											129	129	111	96
52/ 51	.1	1.1	.5	.8	1.2	.4	.1											131	131	90	76
50/ 49	.1	.9	1.4	1.1	.7	.1	.0											138	138	123	83
48/ 47	.0	1.1	1.2	1.5	.8	.2												156	156	126	88
46/ 45	.2	1.0	1.2	2.1	.7	.1												172	172	168	101
44/ 43	.2	1.0	2.0	2.0	.4	.1												181	181	157	123
42/ 41	.1	1.5	2.7	1.6	.4	.1												210	210	156	113
40/ 39	.2	1.5	3.1	1.5	.3	.1												215	215	233	137
38/ 37	.1	2.0	3.2	1.5	.1													224	224	250	162
36/ 35	.2	2.1	3.4	1.6	.2													244	244	228	179
34/ 33	.2	2.4	3.1	.9	.1													218	218	252	238
32/ 31	.3	2.5	3.0	.4														201	201	258	265
30/ 29	.3	2.1	2.1	.2														156	156	247	219
28/ 27	.1	1.9	1.4															109	109	188	224
26/ 25	.0	1.3	.8															70	70	133	222
24/ 23	.1	1.0	.8															60	60	84	161
22/ 21	.1	.4	.4															29	29	55	171
20/ 19	.1	.2	.2															17	17	36	110
18/ 17		.2	.1															10	10	18	92
16/ 15	.1	.2	.1															10	10	17	68
14/ 13	.0		.1															3	3	6	46
12/ 11		.1																4	4	3	25
10/ 9		.2																5	5	5	21
8/ 7		.1																4	4	7	18

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAR (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5		.1																2	2	2	12
4/ 3																				1	10
2/ 1																					7
0/ -1																					6
-2/ -3																					2
-4/ -5																					2
-6/ -7																					2
TOTAL	3.1	28.8	34.9	19.8	8.8	3.6	.8	.2	.1		.0								3241		3239
																		3239		3239	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	17169870	231350	71.4	14.118	3239							
Dry Bulb	6183262	136574	42.1	11.495	3241		19.5	1.3	.1			93
Wet Bulb	5114433	124049	38.3	10.596	3239		30.4	.1				93
Dew Point	4016523	107211	33.1	12.020	3239	.3	48.3					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75				.0	.1													4	4		
74/ 73			.1		.0	.1	.1											7	7		
72/ 71			.2	.5	.3	.1	.1											37	37		
70/ 69			.5	.7	.5	.1	.0											57	57	5	
68/ 67		.1	.8	.8	.4	.2	.1	.0										72	72	12	6
66/ 65		.8	.8	.8	.5	.4	.2											109	109	43	10
64/ 63	.0	1.0	1.5	1.1	.8	.4	.0	.1										155	155	82	42
62/ 61	.3	1.8	.7	1.2	.6	.3	.1	.1										158	158	128	90
60/ 59	.2	1.9	1.3	1.2	.9	.6	.2	.0										192	192	152	122
58/ 57	.4	1.8	1.7	1.1	.8	.3	.1											196	196	178	136
56/ 55	.2	1.5	1.7	1.2	.6	.4	.1											177	177	176	141
54/ 53	.1	1.8	1.8	1.5	1.0	.4	.1											210	210	154	125
52/ 51	.1	1.7	1.3	1.8	.9	.2	.0											185	185	193	154
50/ 49	.1	1.5	2.0	1.7	.5	.2	.0											191	191	218	164
48/ 47	.1	2.0	1.9	2.4	.7	.2												232	232	159	175
46/ 45	.1	1.8	2.3	1.8	.6	.1												210	210	255	153
44/ 43	.2	2.1	3.2	1.2	.4	.1												225	225	210	174
42/ 41	.2	2.0	2.7	1.5	.3	.0												212	212	244	197
40/ 39	.1	1.5	2.0	1.1	.2													154	154	253	210
38/ 37	.0	1.8	1.8	.8	.0													141	141	191	232
36/ 35	.1	1.2	.9	.4														79	79	181	239
34/ 33	.0	.5	.9	.4	.0													58	58	119	193
32/ 31		.4	.8	.1														38	38	67	142
30/ 29		.3	.4															21	21	52	127
28/ 27		.1	.1															8	8	41	77
26/ 25		.0																1	1	11	82
24/ 23																				5	62
22/ 21																					29
20/ 19																					27
18/ 17																					12
16/ 15																					5
14/ 13																					2
10/ 9																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	27.6	31.2	23.3	10.3	4.1	1.2	.2										3129	3129	3129	3129

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	17901744	232808	74.4	13.618	3129							
Dry Bulb	8392622	159076	50.8	9.880	3129		2.0	5.1	.3			90
Wet Bulb	7119272	146276	46.7	9.480	3129		5.1	.5				90
Dew Point	6044894	133268	42.6	10.859	3129		16.3	.2				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.1	.1	.0													5	5		
70/ 69		.0	.4	.4	.2	.1	.0											33	33		
68/ 67		.1	.6	.4	.1	.1												41	41	5	3
66/ 65		.3	1.3	.5	.2	.1												75	75	21	4
64/ 63	.1	1.3	1.4	.6	.4	.1	.1											124	124	55	24
62/ 61	.3	1.9	.6	1.1	.4	.2	.1											143	143	123	61
60/ 59	.4	2.4	1.7	.9	.4	.2	.0											187	187	136	121
58/ 57	.2	2.0	1.5	.5	.5	.3	.1											160	160	132	130
56/ 55	.2	1.9	1.9	1.2	.5	.3		.0										189	189	188	105
54/ 53	.2	1.9	1.8	1.0	.5	.2	.0											179	179	157	144
52/ 51	.1	2.1	2.1	1.0	.4	.3												188	188	151	147
50/ 49	.3	2.0	1.7	1.8	.3	.2												195	195	206	155
48/ 47	.2	2.0	1.7	1.7	.4	.2												194	194	181	154
46/ 45	.4	2.2	2.6	2.0	.4	.1												238	238	199	170
44/ 43	.4	2.2	2.9	1.2	.2													220	220	222	182
42/ 41	.1	2.5	2.9	1.2	.2													218	218	229	159
40/ 39	.3	2.4	3.1	.5														194	194	246	193
38/ 37	.1	2.6	2.3	1.0	.1													189	189	243	235
36/ 35	.1	2.3	1.8	.6	.0													151	151	195	220
34/ 33	.2	1.4	1.0	.2														91	91	167	245
32/ 31	.0	.7	.9	.2														54	54	122	174
30/ 29	.0	.6	.4	.1														37	37	64	145
28/ 27		.3	.3															18	18	52	92
26/ 25		.3																8	8	26	85
24/ 23		.0																1	1	12	75
22/ 21		.0																1	1	1	30
20/ 19																					30
18/ 17																					18
16/ 15																					9
14/ 13																					3
TOTAL	3.5	35.6	35.0	18.1	5.2	2.3	.3	.0										3133		3133	
																		3133	3133		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19433687	243511	77.7	12.722	3133							
Dry Bulb	7690264	152146	48.6	9.815	3133		3.4	2.3				90
Wet Bulb	6689308	141608	45.2	9.602	3133		8.0	.1				90
Dew Point	5797241	130387	41.6	10.882	3133		19.0	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — APR MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.0	.1		.0											4	4		
74/ 73			.0	.1	.2	.1	.0											13	13		
72/ 71			.1	.6	.2	.2	.0	.1										36	36		
70/ 69			.5	.6	.4	.1	.1											55	55	5	
68/ 67		.1	.9	.6	.5	.4	.2											83	83	15	5
66/ 65		.6	1.1	.7	.5	.3												105	105	48	9
64/ 63	.0	1.2	1.7	1.0	.8	.4	.2	.1										167	167	80	59
62/ 61	.2	1.4	.9	1.3	.6	.4	.1											151	151	131	81
60/ 59	.2	2.0	1.3	1.7	.6	.5	.2											201	201	152	124
58/ 57	.1	1.4	1.3	1.2	.8	.4	.2		.0									170	170	168	118
56/ 55	.1	1.4	1.4	1.0	1.2	.5	.1											183	183	164	129
54/ 53	.3	1.5	1.6	1.3	1.0	.5	.2											206	206	183	129
52/ 51	.1	1.6	1.6	1.7	.8	.4	.0	.0										193	193	164	166
50/ 49	.2	1.5	1.7	1.9	1.1	.3												208	208	189	165
48/ 47	.2	1.7	2.0	1.9	.9	.2												213	213	210	153
46/ 45	.2	2.2	1.9	2.3	.6		.0	.0										229	229	211	157
44/ 43	.3	1.5	2.6	1.4	.3													189	189	250	177
42/ 41	.2	1.5	2.6	1.1	.4	.1												180	180	234	189
40/ 39	.1	1.6	2.4	1.2	.2													172	172	229	217
38/ 37	.2	1.3	1.5	1.1	.0													129	129	200	199
36/ 35	.1	1.2	1.6	.6	.0													108	108	164	206
34/ 33	.1	.8	.9	.4	.0													68	68	121	215
32/ 31		.4	.4	.1														31	31	109	166
30/ 29	.1	.2	.3	.1														21	21	42	135
28/ 27		.1	.3															11	11	37	101
26/ 25		.1																4	4	14	85
24/ 23																				10	55
22/ 21	.0																	1	1	1	33
20/ 19																					18
18/ 17																					18
16/ 15																					9
14/ 13																					7
12/ 11																					4
10/ 9																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDIT *S OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					1
TOTAL	2.4	25.3	30.6	23.9	11.3	5.0	1.3	.2	.0										3131		3131
																		3131		3131	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17538710	230172	73.5	14.109	3132							
Dry Bulb	8412060	159204	50.8	10.062	3131		2.0	5.5	.5			90
Wet Bulb	7091816	145926	46.6	9.637	3131		6.1	.6				90
Dew Point	5974629	132237	42.	11.157	3131	.0	18.2	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13502 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0		.0								2	2		
84/ 83								.0	.0	.0	.1							5	5		
82/ 81				.0		.1	.2	.2	.3	.1								29	29		
80/ 79				.0	.1	.3	.4	.3	.1	.2	.0							44	44		
78/ 77				.0	.4	.5	.5	.4	.2	.2	.1							73	73		
76/ 75			.0	.3	.6	.6	.7	.5	.5	.1	.0	.0						109	109	1	1
74/ 73			.0	.5	.7	.7	.9	.5	.3	.1	.1							121	121	2	
72/ 71		.0	.3	.7	.7	.8	.9	.4	.4	.1								139	139	17	1
70/ 69		.0	.3	.9	.8	.9	.4	.5	.4	.3	.0							142	142	46	4
68/ 67		.1	.6	.8	.8	.7	1.1	.6	.3	.1								160	160	93	21
66/ 65		.2	1.2	.7	.8	.6	1.1	.6	.3	.0								172	172	115	52
64/ 63		.4	.8	.8	.4	1.0	1.0	.8	.1	.1								168	168	157	71
62/ 61	.0	.7	.7	.9	1.0	1.1	1.1	.6	.2	.0								202	202	192	119
60/ 59		.8	1.0	.6	.9	1.1	1.0	.6	.2									193	193	177	132
58/ 57		.4	.7	1.0	.9	1.5	1.1	.4	.1									189	189	165	141
56/ 55		.5	.8	.9	1.3	1.7	.7	.2										194	194	173	144
54/ 53	.1	.7	.6	.9	1.3	1.3	.2	.1										165	165	192	151
52/ 51	.1	.8	.8	1.2	1.3	.9	.4	.0										171	171	221	144
50/ 49	.1	.6	1.1	1.4	1.2	1.0	.2	.0										174	174	200	133
48/ 47	.1	1.1	1.1	1.1	1.1	.5	.0											159	159	238	154
46/ 45	.2	1.1	.7	1.3	1.0	.6	.2											158	158	281	173
44/ 43	.0	.5	.8	1.0	.9	.2												105	105	203	174
42/ 41	.1	.8	.6	.8	.5	.1												90	90	158	177
40/ 39	.1	.4	.8	.8	.3	.0	.0											74	74	164	209
38/ 37	.0	.3	.4	.5	.2	.1												47	47	113	193
36/ 35	.1	.3	.1	.4	.0													27	27	101	215
34/ 33	.0	.0	.2	.1														9	9	59	158
32/ 31		.1	.1	.0														7	7	33	127
30/ 29	.0			.0														2	2	21	118
28/ 27			.1															2	2	6	84
26/ 25																				1	81
24/ 23																				3	63
22/ 21																					38
20/ 19																					22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					12
16/ 15																					12
14/ 13																					4
12/ 11																					2
10/ 9																					1
8/ 7																					1
TOTAL	.9	9.9	13.7	17.7	17.2	16.4	12.1	7.0	3.3	1.3	.4	.0						3132	3132	3132	3132

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12317636	188804	60.3	17.291	3132							
Dry Bulb	11073331	182899	58.4	11.198	3132		.3	23.7	11.0	1.7		90
Wet Bulb	8370394	159048	50.8	9.685	3132		1.8	4.6	.1			90
Dew Point	6401009	136705	43.6	11.775	3132		16.2	.8	.0			90

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.0			.0				2	2		
88/ 87									.1	.0	.1	.2	.0	.0				13	13		
86/ 85						.0	.0	.1	.3	.4	.2	.3	.1					48	48		
84/ 83						.1	.2	.5	.3	.6	.2	.1	.1					66	66		
82/ 81					.1	.2	.5	.4	.8	.5	.4	.3	.0					100	100		
80/ 79					.2	.5	.7	.5	.5	.6	.4	.1	.1					114	114		
78/ 77					.3	.4	.7	1.0	.6	.8	.2	.1	.1					133	133		
76/ 75				.2	.2	.7	.9	.7	.5	.7	.2	.1	.1					131	131	3	
74/ 73			.0	.1	1.0	.9	.6	.8	.6	.5	.3	.0	.0					157	157	12	1
72/ 71			.4	.5	.8	.6	.6	.9	.9	.6	.3	.1						175	175	24	4
70/ 69			.2	.6	.6	.6	.6	.8	.9	.6	.1							155	155	85	9
68/ 67		.1	.4	.3	.5	.3	.7	.7	.9	.4	.0							134	134	112	19
66/ 65	.0	.1	.4	1.1	.6	.5	.9	1.0	.9	.1	.1							177	177	206	46
64/ 63		.4	.5	.8	.5	.6	.7	1.6	.7	.3								190	190	167	99
62/ 61		.4	.4	.9	.8	.5	1.2	1.3	.3	.2								187	187	174	102
60/ 59		.3	.4	.6	.4	1.2	1.2	1.1	.4									175	175	215	138
58/ 57	.0	.6	.4	.8	.9	1.5	1.3	.4	.1									188	188	169	141
56/ 55	.1	.6	.5	.6	.9	1.1	1.0	.4	.1									165	165	212	168
54/ 53	.0	.6	.4	.5	.9	1.2	.9	.2										144	144	210	139
52/ 51	.0	.3	.6	.7	.9	.7	.8	.1										130	130	186	165
50/ 49		.5	.8	.6	.5	1.2	.4	.0										128	128	252	132
48/ 47	.1	.5	1.0	.5	.7	.6	.1											112	112	225	171
46/ 45	.0	.7	.4	.9	.4	.3	.1											92	92	232	155
44/ 43	.1	.4	.9	.6	.4	.3	.0											81	81	162	167
42/ 41	.1	.4	.7	.3	.4	.1												58	58	148	184
40/ 39	.0	.2	.4	.4	.2													40	40	128	182
38/ 37		.3	.1	.2	.1													22	22	96	193
36/ 35		.1	.0	.1														7	7	54	184
34/ 33			.0	.0														2	2	33	175
32/ 31		.1		.0														4	4	17	152
30/ 29																				6	95
28/ 27																				2	70
26/ 25																					67
24/ 23																					71

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					45
20/ 19																					35
18/ 17																					14
16/ 15																					9
12/ 11																					1
TOTAL	.5	6.8	8.9	11.4	12.1	14.3	14.1	12.2	8.9	6.3	2.6	1.2	.5	.1				3130	3130		3133
																		3130		3130	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9917902	166368	53.2	18.535	3130							
Dry Bulb	12823772	196822	62.9	11.954	3130		.1	35.3	22.0	8.3		90
Wet Bulb	9040699	165563	52.9	9.513	3130		.7	6.8	.4			90
Dew Point	6505267	137821	44.0	11.886	3133		16.1	.9	.0			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89											.1		.0					3	3		
88/ 87								.0	.0	.0	.1	.2	.1	.0				13	13		
86/ 85				.0			.0		.2	.4	.3	.1	.1					37	37		
84/ 83					.0		.0	.3	.5	.5	.3	.3	.3		.0			70	70		
82/ 81				.1	.0	.1	.4	.4	.4	.4	.4	.3	.0					84	84		
80/ 79				.0	.1	.4	.5	.8	.8	.5	.3	.3	.2					125	125	1	
78/ 77				.1	.5	.4	.6	.8	.7	.3	.1	.3	.1					120	120		1
76/ 75				.1	.3	1.0	.6	.6	1.0	.7	.4	.2						156	156	3	
74/ 73		.0		.3	.8	1.0	.8	1.0	1.0	.6	.3	.1						190	190	7	2
72/ 71			.3	.5	.7	.5	.4	.7	.8	.4	.3	.1						144	144	16	4
70/ 69		.1	.3	.9	.6	.4	.7	.9	1.2	.8	.1							186	186	79	5
68/ 67		.1	.5	.9	.4	.3	.6	.9	.8	.4	.1							158	158	109	19
66/ 65	.1	.3	.2	.7	.5	.6	.9	1.0	1.2	.2	.1							177	177	218	54
64/ 63	.1	.4	.4	.8	.6	.2	.7	1.5	.8	.3								181	181	186	82
62/ 61	.1	.6	.6	.7	.7	.8	1.0	1.6	.2	.0	.1							197	197	178	117
60/ 59	.0	.6	.5	.4	.5	1.0	1.0	1.2	.5	.0								179	179	204	162
58/ 57	.1	.5	.6	.4	.5	.9	1.6	.5	.1									166	166	216	137
56/ 55	.0	.7	.7	.5	.7	1.5	1.1	.4	.1									175	175	210	158
54/ 53		.5	.4	.6	.7	1.1	.8	.2	.1									134	134	203	159
52/ 51		.5	.8	.7	.6	.7	.8	.2										135	135	203	124
50/ 49	.0	.4	.6	.6	.4	.6	.7				.0							107	107	237	175
48/ 47		.4	.7	.7	.4	.4	.2											87	87	222	146
46/ 45	.0	.7	.8	.7	.4	.5	.0											98	98	222	143
44/ 43		.5	.5	.5	.5	.2	.0	.0										75	75	155	173
42/ 41	.2	.3	.6	.6	.2	.0	.0											60	60	147	171
40/ 39	.0	.3	.3	.3	.2													36	36	111	178
38/ 37	.1	.1	.0	.2	.1													18	18	88	201
36/ 35	.1	.2	.1															10	10	70	201
34/ 33	.0	.0	.0															3	3	20	168
32/ 31	.0	.1																4	4	17	127
30/ 29																				6	124
28/ 27																					73
26/ 25																					73
24/ 23																					59

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	< 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — APR MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					40
20/ 19																					33
18/ 17																					6
16/ 15																					7
14/ 13																					2
12/ 11																					4
10/ 9																					1
6/ 5																					1
TOTAL	.9	7.5	9.0	11.2	10.6	12.4	13.6	12.9	10.4	5.9	2.8	1.8	.8	.0	.0			3129	3128	3128	3130

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10032299	166205	53.1	19.598	3128							
Dry Bulb	12929112	197704	63.2	11.772	3128		.1	37.0	23.0	7.8		90
Wet Bulb	9098776	166150	53.1	9.250	3128		.7	6.2	.3	.0		90
Dew Point	6534380	138056	44.1	11.927	3130		15.8	.9	.1			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.0							1	1		
84/ 83									.0	.1		.0						5	5		
82/ 81								.1	.1	.1			.0					8	8		
80/ 79					.0	.1	.2	.1	.1	.1	.0	.0		.0				25	25		
78/ 77				.1	.2	.3	.3	.4	.1	.1	.0							48	48		
76/ 75				.1	.5	.9	.7	.6	.3	.0	.2		.0					105	105		
74/ 73			.0	.3	.5	.7	.6	.4	.3	.2	.1							95	95		
72/ 71			.3	.7	.7	.9	.7	.4	.3	.1	.1	.0						133	133	6	
70/ 69			.7	1.0	.9	.8	1.0	.7	.2	.2	.0							173	173	20	4
68/ 67	.0	.3	.9	1.0	.9	.8	.9	.7	.4	.1	.1							189	189	59	4
66/ 65		.7	1.2	.7	.5	1.2	.9	.6	.4	.0								196	196	139	43
64/ 63	.0	1.0	1.1	.7	.7	.8	.8	.7	.3	.1								191	191	185	82
62/ 61	.0	.9	.7	.9	.8	1.3	1.0	.5	.2									197	197	179	127
60/ 59	.0	1.0	1.2	.8	.7	1.3	1.3	.4	.1									211	211	199	148
58/ 57		1.3	.8	.8	1.0	1.7	.6	.3										201	201	192	149
56/ 55	.1	.9	.8	.9	1.3	1.2	.9	.2	.0									199	199	224	160
54/ 53	.1	.5	.8	.7	1.7	1.2	.5	.1										176	176	185	168
52/ 51	.0	.7	1.0	1.2	1.5	.9	.2	.0										174	174	210	144
50/ 49		.6	1.2	1.4	1.0	.8	.2	.1										165	165	208	150
48/ 47	.1	.6	1.1	1.3	.9	.6	.1	.0										150	150	244	165
46/ 45		.6	1.6	.9	.6	.6	.0											136	136	242	133
44/ 43	.2	1.0	.6	.5	.7	.1												96	96	210	173
42/ 41	.2	.8	1.0	1.0	.4	.1		.0										110	110	198	206
40/ 39	.1	.4	.4	.7	.2	.0												57	57	126	227
38/ 37	.0	.5	.2	.5	.1													39	39	118	191
36/ 35	.1	.2	.2	.3	.0													24	24	91	221
34/ 33	.0	.1	.2															10	10	38	139
32/ 31		.1	.0															4	4	28	106
30/ 29																				16	97
28/ 27																				1	87
26/ 25																					79
24/ 23																					49
22/ 21																					31
20/ 19																					18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					8
16/ 15																					4
14/ 13																					3
12/ 11																					1
10/ 9																					1
-4/ -5																					1
TOTAL	1.0	12.4	15.8	16.5	15.9	16.4	10.9	6.4	2.8	1.1	.5	.1	.1	.0				3118	3118	3118	3119

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12994668	193318	62.0	17.959	3117							
Dry Bulb	10955470	181892	58.3	10.514	3118		.1	22.6	8.3	.7		90
Wet Bulb	8390493	159197	51.1	9.174	3118		1.3	2.5				90
Dew Point	6517546	138096	44.3	11.372	3119	.0	14.0	.2				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) APR (MONTH)

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.1										2	2		
76/ 75			.0	.1	.3	.2	.2		.0									26	26		
74/ 73			.2	.3	.4	.4	.2	.1										45	45		
72/ 71			.2	.4	.6	.3	.1	.1										54	54	1	
70/ 69		.0	.6	.9	.7	.6	.4	.1										104	104	12	1
68/ 67		.2	.9	.6	.9	.7	.3	.1	.1		.0							119	119	27	10
66/ 65		.5	1.6	1.2	1.3	.7	.3	.2		.0								179	179	71	28
64/ 63		1.3	1.3	.9	.8	.7	.4	.2										176	176	123	48
62/ 61	.1	1.5	.9	1.0	1.0	.8	.2	.1										174	174	164	112
60/ 59	.0	1.5	1.5	1.4	1.3	.7	.4	.0										217	217	166	142
58/ 57	.0	1.7	1.2	1.0	1.5	.6	.3											195	195	197	132
56/ 55	.1	.8	1.6	1.2	1.8	1.0	.2	.0										207	207	199	166
54/ 53	.1	1.5	.9	1.2	1.9	.6	.2											199	199	177	136
52/ 51	.2	1.2	1.5	1.8	.8	.4	.2											187	187	194	177
50/ 49	.0	1.0	1.7	2.6	1.2	.3	.1											218	218	202	172
48/ 47	.1	1.3	2.5	2.0	1.2	.2												231	231	210	143
46/ 45	.0	.7	2.0	2.2	.5	.2												175	175	271	164
44/ 43	.1	1.6	1.9	1.4	.6	.1	.0											178	178	224	160
42/ 41	.2	1.4	1.8	1.1	.4													152	152	236	227
40/ 39	.1	1.3	1.3	1.0	.2	.1												123	123	219	248
38/ 37	.0	.8	.8	.4	.2													70	70	156	231
36/ 35	.1	.3	.6	.4														40	40	119	208
34/ 33	.1	.4	.3	.2														30	30	63	155
32/ 31	.0	.1	.2	.1														14	14	51	137
30/ 29		.1	.2															9	9	23	99
28/ 27																				18	60
26/ 25																				1	76
24/ 23																					46
22/ 21																					22
20/ 19																					15
18/ 17																					3
16/ 15																					6
14/ 13																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | APR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.3	19.3	25.5	23.4	17.5	8.6	3.3	.9	.1	.0	.0							3124	3124		3126

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16120051	219573	70.3	14.884	3125							
Dry Bulb	9387829	168439	53.9	9.898	3124		.7	10.1	2.1			90
Wet Bulb	7709833	152497	48.8	9.225	3124		2.7	1.2				90
Dew Point	6384327	137205	43.9	10.766	3126		13.4	.3				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.0	.0	.0	.0	.1										6	6		
76/ 75			.1	.2	.4	.0												21	21		
74/ 73		.1	.6	.4	.4	.1	.0											53	53		
72/ 71		.4	1.0	1.1	.6	.2	.0		.0									110	110	14	3
70/ 69		1.2	2.1	1.5	1.1	.3	.1											201	201	47	26
68/ 67	.0	1.6	2.0	1.5	.9	.2		.0										207	207	131	70
66/ 65	.3	2.9	2.9	1.9	.7	.2	.1											291	291	202	116
64/ 63	.5	3.3	2.3	1.7	1.0	.2	.1	.0										293	293	251	211
62/ 61	.5	4.0	1.8	1.7	.7	.2		.0										292	292	324	242
60/ 59	.4	3.5	2.3	2.0	.8	.2												297	297	307	289
58/ 57	.5	3.8	2.7	1.5	.6													296	296	270	286
56/ 55	.2	2.6	2.5	1.4	.3	.1												226	226	316	239
54/ 53	.1	2.4	2.5	1.7	.3	.0	.0											230	230	230	233
52/ 51	.1	2.2	2.1	1.2	.2	.1												194	194	259	277
50/ 49	.2	1.7	2.1	.8	.2													166	166	228	236
48/ 47	.1	1.5	1.6	.7	.2													134	134	188	210
46/ 45	.0	.7	1.2	.6	.0													82	82	165	174
44/ 43	.0	.9	.7	.1														58	58	93	167
42/ 41	.0	.4	.5	.1	.0													36	36	98	154
40/ 39	.1	.4	.2	.2														28	28	59	92
38/ 37	.0	.1	.1															7	7	30	66
36/ 35		.1																4	4	17	66
34/ 33		.0	.0															2	2	3	46
32/ 31		.0																1	1	1	10
30/ 29																				2	11
28/ 27																					4
26/ 25																					6
TOTAL	3.1	34.1	31.4	20.3	8.6	2.0	.3	.2	.0									3235	3235		3234
																		3235		3235	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	21231158	259448	80.2	11.356	3234							
Dry Bulb	11471699	190917	59.0	7.953	3235		.0	17.2	2.3			93
Wet Bulb	10132462	179308	55.4	7.742	3235		.1	5.5				93
Dew Point	9218960	170384	52.7	8.656	3234		.9	2.8				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — MAY MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.0										1	1		
76/ 75			.1	.0			.1											5	5		
74/ 73		.1	.1	.1	.1													13	13		
72/ 71		.3	.5	.7	.2		.0	.0										55	55	7	
70/ 69	.1	1.0	1.8	.6	.4	.1	.0											127	127	28	22
68/ 67	.1	2.2	2.1	.8	.2	.1												179	179	90	45
66/ 65	.8	3.0	2.5	1.3	.1	.0												252	252	102	118
64/ 63	.7	3.9	2.0	.9	.2	.0	.1											252	252	224	196
62/ 61	.5	4.4	1.7	1.4	.2	.0												269	269	276	215
60/ 59	.9	4.5	2.3	1.5	.2	.1												304	304	278	272
58/ 57	.6	4.1	3.2	1.2	.2	.1												305	305	267	251
56/ 55	.6	3.5	2.7	1.0	.2	.0												259	259	290	258
54/ 53	.2	3.1	2.7	.9	.2	.0												230	230	200	236
52/ 51	.2	3.4	2.3	.8	.1													220	220	238	246
50/ 49	.3	2.7	2.9	.9	.1													225	225	239	250
48/ 47	.2	2.1	2.0	.8	.1	.0												168	168	217	204
46/ 45	.0	2.2	1.5	.6	.0													142	142	191	170
44/ 43		1.4	1.2	.2	.1													93	93	145	212
42/ 41	.1	.7	.9	.2														64	64	119	168
40/ 39		.8	.4	.0														40	40	81	94
38/ 37	.1	.2	.1	.0														13	13	60	95
36/ 35		.4	.0															15	15	25	83
34/ 33	.0	.2	.0															8	8	17	52
32/ 31		.0																1	1	5	31
30/ 29		.1																2	2	1	10
28/ 27																				2	5
26/ 25																					8
24/ 23																					1
TOTAL	5.4	44.3	33.0	13.9	2.6	.5	.2	.1										3242	3242		3242
																		3242		3242	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23029473	271301	83.7	10.031	3242							
Dry Bulb	10676408	184182	56.8	8.103	3242		.1	10.9	.5			93
Wet Bulb	9665790	179058	54.0	8.111	3242		.2	3.6				93
Dew Point	8947016	167822	51.8	8.952	3242		1.6	1.9				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83					.0	.0												2	2		
82/ 81					.1	.2	.0	.1										13	13		
80/ 79				.2	.2	.2	.2	.1	.0									30	30		
78/ 77			.1	.3	.5	.3	.1	.0										42	42		
76/ 75			.2	.6	.6	.4	.2	.2										75	75	2	
74/ 73		.0	.6	1.1	1.0	.4	.1		.0									108	108	15	
72/ 71		.5	.9	2.0	1.1	.5	.3	.0										170	170	43	11
70/ 69		.8	2.5	1.5	1.0	.8	.2	.0	.0									224	224	99	44
68/ 67	.2	1.4	2.6	1.5	1.1	.7	.1	.1										248	248	151	100
66/ 65	.2	2.2	2.3	1.7	1.3	.7	.3		.0									282	282	273	142
64/ 63	.4	2.3	2.2	2.0	1.2	.5	.3	.0										292	292	257	235
62/ 61	.2	3.0	2.0	2.2	1.1	.4	.1											294	294	275	272
60/ 59	.5	2.4	1.9	2.0	1.3	.5	.1											279	279	313	258
58/ 57	.2	2.1	2.3	1.8	.9	.4	.0											251	251	282	236
56/ 55	.1	1.9	2.1	1.7	.7	.3												220	220	284	234
54/ 53	.1	1.4	1.8	1.2	.5	.3	.0											171	171	252	248
52/ 51	.0	1.4	1.6	1.2	.6	.2												164	164	231	252
50/ 49	.1	.8	1.2	1.1	.2	.0												112	112	205	232
48/ 47		.9	1.2	.7	.4													107	107	147	186
46/ 45	.0	.5	.7	.4	.1													57	57	131	161
44/ 43		.3	.5	.2	.1													37	37	110	167
42/ 41		.5	.3	.2														32	32	76	118
40/ 39	.0	.1	.3															13	13	44	94
38/ 37		.1	.1															5	5	23	85
36/ 35		.1	.0															4	4	13	59
34/ 33		.1																2	2	8	37
32/ 31		.0																1	1		37
30/ 29																				1	17
28/ 27																					6
26/ 25																					4
TOTAL	2.0	22.9	27.6	23.6	14.1	7.0	2.2	.6	.1										3235		3235
																		3235		3235	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19062004	244722	75.6	13.032	3235							
Dry Bulb	12348014	197972	61.2	8.483	3235		.0	26.2	7.8	.9		93
Wet Bulb	10550157	182915	56.5	8.014	3235		.0	8.9	.5			93
Dew Point	9384580	171688	53.1	9.184	3235		1.8	4.5				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELL VILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89								.0	.1	.1	.0	.1						9	9		
88/ 87						.0	.1	.4	.2	.1	.1	.0						29	29		
86/ 85					.0	.2	.5	.5	.5	.2	.3	.1						77	77		
84/ 83					.1	.4	.9	.9	.5	.3	.2							108	108		
82/ 81				.1	.5	1.1	.9	.8	.6	.3	.1	.1						140	140		
80/ 79			.0	.2	.5	1.3	1.1	.9	.8	.3	.1							172	172	1	
78/ 77				.3	1.4	1.4	1.2	1.0	.7	.2								198	198	3	
76/ 75			.2	1.1	1.5	1.6	1.0	.9	.6	.3	.1							232	232	27	2
74/ 73		.0	.3	1.4	1.3	1.5	1.7	.9	.7	.2	.1							261	261	81	7
72/ 71		.2	.8	1.5	1.1	1.1	1.3	1.0	.4	.2	.0							245	245	143	36
70/ 69		.2	1.5	1.3	1.3	1.7	1.4	.8	.8	.2								298	298	209	62
68/ 67		.5	1.2	.8	1.1	1.3	1.1	.6	.2									221	221	291	143
66/ 65	.2	1.1	1.1	.9	1.2	1.6	1.2	.6	.1									255	255	327	215
64/ 63		1.1	.6	.7	1.3	1.3	.8	.2	.0									196	196	290	261
62/ 61	.1	.8	.6	1.1	1.1	1.1	.7	.2	.0									183	183	302	263
60/ 59	.0	.6	.4	1.2	1.0	.6	.8	.2										157	157	274	247
58/ 57	.0	.6	.6	.7	.6	.6	.5											115	115	255	214
56/ 55	.1	.9	.5	.4	.4	.5	.5	.1										107	107	251	215
54/ 53		.4	.4	.4	.3	.2	.1											68	68	240	212
52/ 51		.4	.2	.4	.4	.2	.0											53	53	152	251
50/ 49		.3	.3	.3	.5	.2												49	49	97	207
48/ 47		.1	.3	.2	.2	.1												27	27	88	192
46/ 45		.2	.0	.0	.1													11	11	77	133
44/ 43		.3	.2	.1	.0													17	17	71	136
42/ 41				.1														2	2	27	121
40/ 39			.0	.0														2	2	16	77
38/ 37																				7	59
36/ 35																				4	63
34/ 33																					44
32/ 31																					36
30/ 29																					20
28/ 27																					11
26/ 25																					3
24/ 23																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	7.7	9.3	13.0	15.8	18.3	15.5	10.0	6.3	2.4	1.0	.3							3232	3232	3233	3233

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12797122	196738	60.9	15.944	3232							
Dry Bulb	15673112	223036	69.0	9.337	3232			57.3	35.3	12.9		93
Wet Bulb	11897800	194470	60.2	7.869	3233			21.7	3.2			93
Dew Point	9745557	174707	54.0	9.708	3233		2.1	7.2	.3			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1							2	2		
94/ 93										.0								1	1		
92/ 91									.1	.2	.2	.1	.1	.0	.0			25	25		
90/ 89							.0	.3	.5	.5	.5	.4	.2	.0				80	80		
88/ 87							.4	.7	.7	.9	.7	.2	.1					121	121		
86/ 85					.1	.2	.8	1.0	1.4	1.2	.7	.2	.0	.0				184	184		
84/ 83				.0	.1	.6	.9	1.0	.9	.8	.8	.2	.0					171	171		
82/ 81				.1	.2	.7	1.1	1.0	.8	1.3	.3	.4						191	191		
80/ 79				.2	.5	1.3	1.1	1.5	1.2	1.0	.3	.1						230	230	1	
78/ 77		.0		.3	1.1	1.3	1.5	1.4	1.1	.6	.3	.0						246	246	5	
76/ 75			.2	.8	1.2	1.1	1.1	1.4	1.1	.6	.5	.2						267	267	56	4
74/ 73		.1	.3	1.0	1.2	1.1	1.1	1.2	1.0	.7	.1			.0				260	260	114	3
72/ 71		.2	.6	1.4	.7	1.0	1.4	1.2	.9	.3	.1	.0	.0					249	249	191	38
70/ 69		.2	.6	.8	.7	1.1	1.1	1.3	.7	.4								227	227	300	87
68/ 67	.0	.4	.9	.6	.7	.6	1.2	.6	.6	.1								187	187	328	150
66/ 65	.1	.4	.6	.5	.6	.7	1.2	.7	.4									170	170	330	227
64/ 63	.0	.4	.6	.4	.7	.5	.5	.6	.1									122	122	333	229
62/ 61		.3	.3	.6	.8	.5	.5	.4	.0									108	108	271	268
60/ 59	.0	.5	.5	.8	.4	.3	.6	.3	.0									118	118	248	238
58/ 57	.1	.6	.4	.2	.4	.3	.4	.1										80	80	243	237
56/ 55		.6	.4	.2	.5	.4	.3											82	82	237	227
54/ 53		.3	.2	.2	.2	.2	.0	.0										33	33	183	210
52/ 51		.0	.3	.3	.1	.2												29	29	116	217
50/ 49		.2	.2	.1	.1	.2	.0											25	25	81	222
48/ 47		.1	.1		.1													5	6	88	157
46/ 45		.2	.2	.0														12	12	57	148
44/ 43		.1	.1	.1														7	7	23	135
42/ 41				.0														1	1	16	109
40/ 39																				9	88
38/ 37																				4	58
36/ 35																					64
34/ 33																					47
32/ 31																					34
30/ 29																					17

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					5
26/ 25																					2
24/ 23																					2
22/ 21																					1
18/ 17																					2
TOTAL	.3	4.6	6.4	8.7	10.3	12.1	15.6	14.6	11.6	8.6	4.7	1.9	.5	.1	.0				3234		3234
																		3234		3234	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Ref Hum.	10442094	179602	54.3	16.751	3234							
Dry Bulb	17536685	236075	73.0	9.692	3234			70.2	31.1	25.7	.1	93
Wet Bulb	12522630	199746	61.8	7.574	3234			28.6	5.1			93
Dew Point	9831435	179493	54.3	9.765	3234		1.8	8.1	.2			93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAY MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97													.0					1	1		
96/ 95														.0				1	1		
94/ 93										.1		.0	.1	.0				7	7		
92/ 91										.2	.2	.1	.0					17	17		
90/ 89							.1	.3	.2	.5	.6	.5	.2	.1				80	80		
88/ 87							.3	.6	1.0	.7	.6	.3	.2	.0	.1			120	120		
86/ 85						.2	.7	.9	1.1	.8	.7	.2	.0	.0				152	152		
84/ 83					.1	.4	.9	.9	1.1	1.0	.9	.3	.1					185	185		
82/ 81				.1	.3	1.0	1.4	1.2	1.4	1.0	.3	.2	.0	.0				223	223		
80/ 79				.1	.6	1.2	1.5	1.5	1.5	1.1	.4	.1						257	257		
78/ 77			.0	.4	.8	1.3	1.0	1.4	1.5	.5	.6	.2						252	252	5	
76/ 75	.0		.2	.5	1.3	1.1	.9	1.5	.9	.9	.3	.1						247	247	47	1
74/ 73		.0	.4	.7	1.1	.9	1.4	1.3	1.0	1.0	.2	.0						259	259	101	6
72/ 71	.0	.2	.4	1.1	1.1	.9	1.3	1.1	.7	.4	.1	.0						235	235	214	31
70/ 69	.1	.2	1.4	.7	.8	.9	1.0	1.5	.9	.3		.0						251	251	289	87
68/ 67		.2	.7	.5	.8	.4	1.5	.8	.8	.1								175	175	311	161
66/ 65	.1	.7	.8	.6	.3	.6	1.0	.6	.2									162	162	356	171
64/ 63		.5	.5	.6	.4	.6	.5	.6	.2									122	122	335	276
62/ 61		.5	.5	.7	.6	.3	.2	.6	.1									115	115	284	252
60/ 59	.2	.5	.5	.5	.4	.4	.3	.3	.2									106	106	268	238
58/ 57	.2	.4	.5	.2	.3	.3	.3	.1										75	75	235	222
56/ 55	.0	.8	.6	.4	.2	.5	.2											91	91	236	292
54/ 53		.3	.2	.3	.1	.1	.0											36	36	179	208
52/ 51		.1	.1	.2	.1	.1	.0											23	23	129	239
50/ 49		.2	.1	.1	.0	.2												18	18	75	168
48/ 47		.0	.0		.1													5	5	72	157
46/ 45		.3	.1		.1	.0	.0											15	15	54	173
44/ 43		.0																1	1	26	133
42/ 41				.1														3	3	6	106
40/ 39																				8	81
38/ 37																				3	66
36/ 35																				3	48
34/ 33																					52
32/ 31																					28

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					18
28/ 27																					7
26/ 25																					9
24/ 23																					2
22/ 21																					1
18/ 17																					1
TOTAL	.6	4.9	7.0	7.8	9.4	11.6	14.1	15.5	12.7	8.4	4.9	2.1	.7	.2	.1			3234	3234		3234
																				3234	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10428535	174789	54.0	17.425	3234							
Dry Bulb	17613288	236654	73.2	9.563	3234			70.8	51.8	26.5	.3	93
Wet Bulb	12535214	199920	61.8	7.389	3234			27.8	4.4			93
Dew Point	9806162	175298	54.2	9.700	3234		1.9	8.2	.2			93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | MAY MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 91												.0						1	1		
90/ 89										.0	.0	.0						3	3		
88/ 87								.1	.1	.1	.0							8	8		
86/ 85						.1	.1	.2	.2	.2	.0	.0						29	25		
84/ 83					.1	.3	.3	.5	.4	.2	.1							59	59		
82/ 81				.0	.3	.8	.6	.5	.4	.3	.0							94	94		
80/ 79			.1	.2	.7	1.0	1.2	1.0	.6	.2	.1							163	163		
78/ 77			.1	.9	1.3	1.2	1.0	.8	.6	.2	.0							199	199		
76/ 75		.0	.6	.9	1.5	1.6	1.4	.8	.6	.1	.0							242	242	12	
74/ 73		.1	.8	1.5	1.3	1.3	1.3	.8	.3	.1								243	243	55	4
72/ 71		.4	1.1	1.5	1.3	1.5	1.5	1.1	.4	.0								278	278	120	29
70/ 69	.0	.6	1.6	1.7	1.2	1.6	1.3	.6	.2	.1								291	291	228	93
68/ 67	.0	1.0	1.9	1.1	1.6	1.3	1.1	.4	.2	.0								283	283	275	140
66/ 65	.2	1.5	1.5	1.2	1.2	1.4	.9	.6	.1									272	272	350	199
64/ 63	.1	.9	1.3	1.0	1.0	1.2	.8	.2	.1									217	217	318	261
62/ 61	.1	.8	1.1	1.3	1.2	.8	.5	.1										193	193	317	268
60/ 59	.0	1.0	1.1	1.0	.9	.7	.3	.2	.0									169	169	290	246
58/ 57	.1	1.1	1.0	.8	.7	.5	.3	.1										151	151	272	269
56/ 55		.9	.8	.8	.6	.3	.2											113	113	268	265
54/ 53		.4	.6	.6	.4	.3	.1											77	77	209	246
52/ 51	.0	.5	.5	.6	.3	.1	.1											69	69	167	236
50/ 49		.2	.3	.3	.2	.0												35	35	115	194
48/ 47		.1	.3	.2	.1	.0												24	24	88	174
46/ 45		.2	.1	.0	.1													14	14	74	164
44/ 43				.1	.1													6	6	45	114
42/ 41				.1	.0													5	5	15	86
40/ 39				.0														1	1	7	92
38/ 37																				5	48
36/ 35																				8	34
34/ 33																				1	27
32/ 31																					19
30/ 29																					12
28/ 27																					6
26/ 25																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
24/ 23																						3
TOTAL	.6	9.8	14.9	15.7	16.1	15.9	12.9	7.8	4.2	1.6	.3	.1							3239	3239		3239
																			3239		3239	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 70 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14372733	209433	64.7	16.018	3239							
Dry Bulb	15189201	220031	67.9	8.647	3239			54.4	29.9	8.1		93
Wet Bulb	11883814	194724	60.1	7.399	3239			19.8	1.9			93
Dew Point	9984285	177379	54.8	9.138	3239		1.4	7.6	.1			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) MAY (MONTH)

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1	.3		.0		.0								16	16		
78/ 77				.5	.5	.1	.2	.0										44	44		
76/ 75		.0	.6	.8	.9	.6	.2	.0						.0				104	104		
74/ 73		.0	1.1	1.3	1.2	1.0	.4	.0										162	162	6	1
72/ 71		.4	1.5	1.6	1.3	.8	.2		.0									187	187	52	4
70/ 69		1.5	2.0	2.0	1.7	.9	.2		.1									267	267	116	39
68/ 67	.1	1.8	2.6	1.7	1.8	.7	.4	.1										296	296	207	121
66/ 65	.2	2.6	2.3	1.8	1.6	1.0	.2	.0										317	317	278	182
64/ 63	.2	2.4	2.2	1.7	1.4	1.0	.2											292	292	301	238
62/ 61	.4	2.5	1.9	2.1	1.5	.6	.0											292	292	305	262
60/ 59	.2	2.5	2.5	1.9	1.5	.3	.1	.0										294	294	299	272
58/ 57	.1	1.8	2.1	1.5	1.0	.2	.1											221	221	307	271
56/ 55	.1	1.3	1.9	1.4	.7	.2	.1											184	184	309	265
54/ 53		1.5	1.8	1.3	.6	.2												173	173	241	240
52/ 51	.1	1.3	1.5	.8	.5	.0												137	137	242	271
50/ 49		.9	1.1	1.0	.2		.0	.0										105	105	162	227
48/ 47	.0	.4	.6	.5	.0													50	50	147	184
46/ 45		.4	.6	.3	.1													47	47	91	184
44/ 43	.0	.2	.4	.1														25	25	78	119
42/ 41		.1	.2	.1														12	12	47	112
40/ 39			.2	.0														7	7	23	76
38/ 37			.0															1	1	12	39
36/ 35			.0															1	1	8	45
34/ 33																				2	32
32/ 31																				1	12
30/ 29																					6
28/ 27																					6
26/ 25																					3
22/ 21																					1
20/ 19																					1
14/ 13																					1
TOTAL	1.5	21.7	27.2	22.3	16.6	7.8	2.4	.3	.1	.0				.0					3234		3234
																		3234		3234	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	18892860	243636	75.3	12.904	3234
Dry Bulb	12818639	202011	62.5	7.867	3234
Wet Bulb	10930628	186454	57.7	7.477	3234
Dew Point	9740058	175242	54.2	8.690	3234

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			30.9	9.4	.2		93
Wet Bulb		.0	11.0	.2			93
Dew Point		.9	5.3	.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — JUN MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.0									1	1		
84/ 83					.1	.1	.2	.1										14	14		
82/ 81			.0	.0	.6		.1	.0	.0									28	28		
80/ 79		.1	.5	1.1	.8	.2	.1	.0										89	89		
78/ 77		.2	2.0	1.3	.9	.2	.2											147	147	5	3
76/ 75	.0	1.3	2.7	1.9	.9	.3	.1											222	222	40	12
74/ 73	.0	3.0	3.1	2.1	.8	.3	.1	.0										292	292	205	78
72/ 71	.1	3.9	4.1	2.0	.8	.3	.1	.0										349	349	277	223
70/ 69	.5	5.6	4.8	2.3	.6	.3												436	437	379	297
68/ 67	.6	4.8	3.9	1.4	1.1	.1												370	371	435	407
66/ 65	.3	3.9	3.1	1.6	.4	.2												293	293	371	363
64/ 63	.3	2.3	2.8	1.4	.5	.1												231	231	308	342
62/ 61	.3	1.6	1.9	1.4	.4	.1	.0											178	178	252	267
60/ 59	.1	1.9	2.0	1.0	.1													160	163	226	225
58/ 57	.0	1.5	1.5	.7	.1	.0												120	120	185	232
56/ 55	.1	1.3	1.2	.4	.1													95	95	169	170
54/ 53		.7	.2	.2	.1													35	35	120	159
52/ 51		.4	.2	.1														20	20	63	136
50/ 49		.1	.1	.0														8	8	32	75
48/ 47		.1		.0														3	3	14	56
46/ 45																				8	27
44/ 43																				2	6
42/ 41																					6
40/ 39																					4
38/ 37																					4
TOTAL	2.3	32.8	34.2	19.0	8.4	2.2	.8	.2	.1										3096		3092
																		3091		3091	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	21394288	255304	82.6	9.971	3091							
Dry Bulb	14475700	210742	68.1	6.498	3096			56.7	23.1	2.2		90
Wet Bulb	12956898	199196	64.4	6.230	3091			39.0	7.3			90
Dew Point	12182096	192910	62.4	6.883	3092			29.7	2.7			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1	.0												5	5		
80/ 79				.3	.4	.1												23	23		
78/ 77		.2	.7	1.5	.5													88	88	2	1
76/ 75	.0	1.4	1.5	1.2	.2	.1	.0											140	140	8	5
74/ 73	.1	2.9	2.3	1.1	.5	.1	.0											218	218	139	41
72/ 71	.3	4.7	3.2	1.6	.5	.1												316	316	219	190
70/ 69	.6	6.9	3.9	1.4	.3	.2												409	409	311	269
68/ 67	.8	7.6	3.9	.7	.6	.1	.0											424	432	431	371
66/ 65	.5	5.8	3.4	1.1	.1	.1												339	344	400	370
64/ 63	.5	3.4	3.3	.9	.1													252	252	329	354
62/ 61	.2	3.4	1.9	1.0	.2	.0												208	209	232	256
60/ 59	.2	3.3	1.9	.7	.4	.0												201	202	264	237
58/ 57	.3	2.8	1.5	.6	.1													162	162	202	233
56/ 55	.1	2.2	1.6	.2														128	128	177	207
54/ 53	.1	1.5	.7	.1	.1													75	75	154	172
52/ 51	.1	1.0	.5	.1	.0													52	52	103	132
50/ 49		.6	.2															24	24	54	94
48/ 47		.2	.2	.0														13	13	31	67
46/ 45		.1	.1															6	6	17	42
44/ 43																				8	22
42/ 41																				2	8
40/ 39																					6
38/ 37																					6
TOTAL	3.7	47.9	30.8	12.5	4.1	.8	.1												3098		3083
																		3083		3083	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23023383	265033	86.0	8.817	3083							
Dry Bulb	13626018	204446	66.0	6.579	3098			47.4	13.8	.5		90
Wet Bulb	12436969	194789	63.2	6.492	3083			32.4	4.3			90
Dew Point	11834912	189772	61.6	7.060	3083			25.6	1.4			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93										.0								1	1		
92/ 91									.0									1	1		
90/ 89							.0	.1	.1									6	6		
88/ 87					.0	.1	.4	.1										18	18		
86/ 85					.3	.8	.3	.2	.1									55	55		
84/ 83		.0	.0	.2	.7	.7	.5	.1	.1	.0								76	76		
82/ 81			.1	.8	1.4	.8	.5	.1	.1									116	116	1	
80/ 79		.1	.6	2.1	1.7	1.0	.4	.4	.1									197	197	6	2
78/ 77		.2	1.9	2.5	1.8	.8	.6	.2		.0								248	248	33	5
76/ 75		.6	3.1	2.3	1.9	.9	.5	.1	.0	.0								294	294	152	23
74/ 73		1.7	2.6	2.6	1.4	.9	.2	.0		.0								293	293	246	114
72/ 71	.1	2.8	3.1	2.3	1.2	1.1	.3						.0					340	340	343	252
70/ 69	.1	3.7	3.3	2.1	1.4	.5	.4	.1	.0									357	360	408	371
68/ 67	.3	2.8	2.8	2.2	1.1	.5	.2	.1										310	310	394	371
66/ 65	.3	1.6	2.6	1.5	.7	.4	.0	.0										218	218	332	352
64/ 63		1.6	2.0	1.1	.8	.2	.1	.0										180	181	276	284
62/ 61		.9	1.4	1.1	.5	.2	.0											124	124	253	275
60/ 59	.1	.7	1.1	.8	.5	.0												102	102	195	226
58/ 57	.1	.8	.7	.5	.2													70	70	154	211
56/ 55		.6	.4	.2	.1													38	38	110	171
54/ 53		.3	.4	.0	.1													26	26	88	140
52/ 51		.1	.1	.1														11	11	59	91
50/ 49		.1	.1	.0														5	5	20	79
48/ 47			.1															2	2	9	50
46/ 45																				8	34
44/ 43																				1	17
42/ 41																					9
40/ 39																					9
38/ 37																					1
14/ 13																					1
TOTAL	.9	18.6	26.6	22.5	15.7	9.0	4.5	1.6	.5	.2			.0					3088	3092	3088	3088

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	18461179	233793	76.4	12.161	3088
Dry Bulb	15769734	219694	71.1	7.194	3092
Wet Bulb	13482905	203097	65.8	6.370	3088
Dew Point	12364462	194134	62.9	7.195	3088

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			67.4	38.0	10.7	.0	90
Wet Bulb			46.1	12.8	.1		90
Dew Point		.0	33.2	4.2	.0		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0	.1	.1				6	6		
98/ 97										.0	.1	.1			.0			6	6		
96/ 95									.0	.1	.3	.1	.1	.0				20	20		
94/ 93						.0		.1	.4	.4	.1	.1	.1	.0				34	34		
92/ 91				.0		.1	.1	.8	.8	.5	.2	.1	.1					83	83		
90/ 89				.0	.1	.3	1.1	1.6	.9	.6	.3	.1	.0					159	159		
88/ 87					.2	1.4	2.1	1.3	1.2	.4	.4	.1	.0					221	221		
86/ 85				.1	.4	2.5	2.3	1.5	.7	.8	.3	.1						267	267	1	
84/ 83			.1	.3	1.4	3.0	1.8	1.3	.9	.6	.2	.1						294	294	2	1
82/ 81			.1	.8	2.0	2.4	1.7	1.1	1.0	.6	.2	.0						307	307	7	2
80/ 79		.1	.1	1.3	2.2	1.6	1.7	1.3	1.0	.4	.1							307	307	31	4
78/ 77		.0	.5	1.2	1.7	1.4	1.1	1.1	.7	.4								250	250	196	20
76/ 75		.1	.9	1.6	1.3	1.2	1.4	1.1	.4	.1	.1							254	254	340	32
74/ 73		.4	1.1	1.4	.8	1.3	1.1	.8	.5	.2								233	233	395	182
72/ 71	.0	.5	1.0	1.1	.8	.7	.7	.8	.1	.0								180	180	375	306
70/ 69	.2	1.1	.8	.8	.5	.9	.5	.2	.1									156	156	378	368
68/ 67		.6	.7	.3	.9	.4	.4	.1	.1	.0								108	108	324	407
66/ 65		.5	.5	.5	.2	.3	.2	.1										71	71	275	282
64/ 63		.3	.2	.4	.3	.3	.1											51	51	222	269
62/ 61		.3	.5	.3	.3	.2												47	47	177	199
60/ 59	.0	.4	.2	.2	.0													25	25	153	199
58/ 57	.0	.1		.1	.1													8	8	114	190
56/ 55		.2	.1		.0													10	10	46	178
54/ 53			.1	.1														5	5	43	143
52/ 51				.1														2	2	17	108
50/ 49																				2	67
48/ 47																				5	61
[illegible]																				1	42
44/ 43																					18
42/ 41																					11
40/ 39																					10
38/ 37																					4
36/ 35																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-6 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	4.5	6.8	10.4	13.1	18.0	16.2	13.3	8.7	5.2	2.2	.8	.4	.1	.0			3104	3104	3104

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	12142558	188830	60.8	14.531	3104							
Dry Bulb	19467990	244596	78.8	7.902	3104			83.7	70.8	45.5	1.9	90
Wet Bulb	14729763	212951	68.6	6.224	3104			59.4	28.2	.7		90
Dew Point	12623538	196494	63.3	7.717	3104			38.3	7.0	.1		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUN MONTH

PAGE 1 | 1200-1400 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103															.1			3	3		
102/101													.2	.1	.1			12	12		
100/ 99											.1	.0		.2	.0	.1		11	11		
98/ 97										.0	.2	.5	.2		.0			31	31		
96/ 95						.0			.2	.5	.9	.3	.3	.1		.0		74	74		
94/ 93				.1	.1	.0	.0	.2	1.0	1.6	.6	.8	.1	.2	.1			149	149		
92/ 91				.0	.1	.1	.3	1.2	2.2	1.2	.8	.5	.2		.0			207	207		
90/ 89				.0	.1	.3	1.4	2.5	2.5	1.4	.8	.4	.1	.0				297	297	2	
88/ 87					.2	.6	2.1	2.6	1.8	1.3	.8	.6	.1	.0				316	316	2	2
86/ 85			.0	.0	.5	1.4	2.1	1.8	1.6	1.0	.6	.4	.1					296	296	4	2
84/ 83				.1	.7	1.7	1.5	1.3	1.6	.9	.5	.1	.2					268	268	3	4
82/ 81			.2	.4	.7	1.6	1.5	1.2	1.6	1.1	.5	.2	.0					280	280	13	2
80/ 79		.2	.3	.7	1.0	1.4	1.0	1.3	1.2	.9	.2	.1						253	253	56	8
78/ 77		.0	.3	.9	1.3	.9	.9	1.3	1.0	.7	.1							232	232	254	20
76/ 75	.0	.1	.6	1.1	.9	.6	.7	1.2	.9	.4	.1			.0				205	205	420	44
74/ 73		.3	.8	.6	.3	.2	.2	.8	.3	.2	.0							114	114	403	128
72/ 71	.1	.3	.8	.6	.4	.4	.4	.2	.2	.1	.0							105	105	409	298
70/ 69	.0	.3	.4	.3	.3	.2	.1	.2	.0									55	55	350	367
68/ 67	.1	.3	.3	.4	.4	.3	.1	.2										62	62	310	418
66/ 65	.0	.2	.2	.2	.4	.1	.3	.1										46	46	243	295
64/ 63		.2	.2	.3	.2	.2	.0											33	33	195	237
62/ 61	.1	.3	.2	.1	.1													25	25	158	237
60/ 59		.2	.1	.0	.0	.1												12	12	131	197
58/ 57		.1	.2															9	9	71	179
56/ 55																				39	153
54/ 53				.1														3	3	28	165
52/ 51																				2	106
50/ 49																				2	67
48/ 47																				3	73
46/ 45																					31
44/ 43																					29
42/ 41																					26
40/ 39																					5
38/ 37																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	> 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — JUN MONTH

1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					2
22/ 21																					1
TOTAL	.3	2.4	4.5	6.1	7.6	10.0	12.7	16.0	16.2	11.5	6.3	3.9	1.5	.6	.4	.1		3098	3098	3098	3098

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9730719	167211	54.0	15.124	3099							
Dry Bulb	21334750	255872	82.6	8.068	3098			86.3	79.8	60.7	8.1	90
Wet Bulb	15160058	213914	69.7	6.014	3098			64.7	33.6	1.1		90
Dew Point	12523496	195440	63.1	7.915	3098		.0	37.6	6.1	.3		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																.0		1	1		
102/101													.0	.2	.1			10	10		
100/ 99												.1	.2	.1	.1	.0		20	20		
98/ 97										.1	.2	.4	.2	.1	.0			33	33		
96/ 95							.0	.0	.1	.7	.9	.6	.1	.1	.1			81	81		
94/ 93				.0	.0		.1	.2	1.0	1.2	1.1	.4	.2	.1	.0			137	137		
92/ 91				.0	.1	.0	.3	1.3	1.4	1.1	1.1	.4	.2	.1				182	182		
90/ 89		.0	.0	.0	.2	.3	.9	2.0	2.2	1.7	.9	.6	.2	.0				283	283		
88/ 87			.0	.0	.2	.7	1.8	2.1	2.0	1.3	.7	.4	.2	.1				298	298	3	2
86/ 85				.1	.2	1.4	2.0	1.8	2.0	1.4	.6	.4	.2					312	312	2	1
84/ 83	.0			.1	1.0	1.1	1.5	1.6	1.7	1.2	.5	.2	.0					273	273	8	4
82/ 81			.0	.5	1.0	1.2	1.5	1.3	1.1	.7	.7	.3	.1					261	261	11	2
80/ 79			.3	.8	1.4	1.5	1.2	1.3	1.4	1.1	.5	.0						290	290	52	8
78/ 77		.1	.2	1.1	1.4	1.3	1.1	1.0	1.1	.9	.1	.0						253	254	209	15
76/ 75	.0	.2	.9	1.1	.8	.6	.3	1.1	.7	.6								196	196	394	41
74/ 73		.3	.8	.7	.2	.3	.5	.5	.2	.2	.1							115	115	396	132
72/ 71	.0	.5	.8	.3	.3	.2	.4	.0	.2		.0							86	86	420	257
70/ 69	.0	.7	.4	.5	.4	.2	.1	.1										87	87	413	357
68/ 67	.0	.3	.5	.1	.4	.1	.3	.1										57	57	333	376
66/ 65		.1	.4	.5	.2	.2	.1											44	44	220	350
64/ 63		.3	.1	.2	.2	.2	.1											33	33	196	274
62/ 61	.1	.2	.3	.1	.1													22	22	191	242
60/ 59			.2	.0														7	7	125	205
58/ 57		.2	.1															11	11	52	160
56/ 55																				50	164
54/ 53				.1														3	3	15	155
52/ 51																				2	115
50/ 49																					71
48/ 47																				3	67
46/ 45																					39
44/ 43																					27
42/ 41																					23
40/ 39																					5
38/ 37																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					1
TOTAL	.3	2.9	5.1	6.3	7.9	9.3	12.3	14.5	15.2	12.1	7.3	3.7	1.7	.9	.4	.1			3096		3095
																		3095		3095	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9810228	167234	54.0	15.816	3095							
Dry Bulb	21245164	255264	82.4	8.013	3096			86.5	79.8	59.8	8.2	90
Wet Bulb	15076389	213265	69.6	5.802	3095			65.2	31.3	1.0		90
Dew Point	12437401	194723	62.9	7.760	3095			34.7	6.0	.3		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUN MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99													.1	.0				3	3		
98/ 97											.0	.0						2	2		
96/ 95										.0	.1	.1	.1	.0				10	10		
94/ 93								.0	.1	.2	.1		.0					16	16		
92/ 91							.0	.4	.5	.4	.2		.0					48	48		
90/ 89					.1	.1	.5	1.1	.7	.4	.2	.1	.1					97	97		
88/ 87				.0	.3	.5	1.2	1.2	.7	.4	.1	.1						139	139		
86/ 85			.1	.1	.5	1.3	2.1	1.1	.8	.3	.2	.0						206	206		
84/ 83		.0	.1	.4	1.4	1.9	1.4	1.4	1.1	.5	.2							254	254		
82/ 81			.2	1.1	1.9	2.4	1.0	1.2	.7	.3	.1	.0						278	278	10	4
80/ 79		.1	.6	1.7	2.5	1.7	1.5	1.3	.7	.2								326	326	25	2
78/ 77		.3	1.1	2.0	1.7	2.1	1.4	1.1	.5	.2	.1							321	321	119	20
76/ 75		.4	1.4	2.4	1.6	1.7	1.2	1.0	.7	.1								326	326	299	45
74/ 73	.0	.6	2.1	1.7	1.2	1.3	.9	.7	.3	.0								273	273	380	178
72/ 71	.0	1.4	2.0	1.0	.9	.8	1.3	.2	.1	.0								239	239	405	258
70/ 69	.1	1.6	1.4	1.0	.6	1.1	.7	.1	.0									208	208	420	402
68/ 67	.1	.7	.6	.5	.5	.6	.2	.1										106	106	374	416
66/ 65	.0	.5	.8	.6	.6	.5	.0											94	94	302	301
64/ 63	.0	.6	.3	.5	.4	.2												63	63	231	255
62/ 61	.1	.4	.4	.3	.2	.2												46	46	180	269
60/ 59		.2	.3	.2	.1	.0												22	22	157	202
58/ 57		.3	.3	.1														19	19	103	172
56/ 55		.0	.1															5	5	64	167
54/ 53																				26	142
52/ 51			.0	.1														3	3	6	99
50/ 49																					80
48/ 47																				3	37
46/ 45																					25
44/ 43																					14
42/ 41																					4
40/ 39																					2
TOTAL	.4	7.0	11.8	13.9	14.5	16.4	13.4	10.9	6.8	3.0	1.3	.3	.3	.1					3104		3104
																		3104		3104	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	13759410	201290	64.8	15.084	3104							
Dry Bulb	18681793	239715	77.2	7.383	3104			82.7	66.7	36.1	.9	90
Wet Bulb	14593575	212073	68.3	5.795	3104			58.9	24.2	.5		90
Dew Point	12750072	197690	63.7	7.168	3104			38.4	7.2	.1		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUN (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.0									1	1		
88/ 87							.1	.1	.1	.0	.0	.0						10	10		
86/ 85					.1	.5	.2	.1	.1	.0								30	30		
84/ 83			.0	.2	.6	.5	.3	.1	.1									59	59		
82/ 81		.0	.3	.8	1.5	.9	.3	.0	.0									120	120	1	1
80/ 79		.1	1.2	1.7	1.9	1.4	.6	.1	.0									218	218	4	2
78/ 77		.6	2.0	2.7	1.8	.9	.3	.2	.0									267	267	32	6
76/ 75		1.1	3.8	3.1	1.6	1.0	.3	.1										344	344	163	43
74/ 73	.0	2.0	2.9	2.4	2.0	.9	.4	.0										333	333	243	139
72/ 71	.2	3.2	3.3	3.2	1.5	.5	.2											375	376	402	258
70/ 69	.3	3.9	3.3	2.8	1.5	.9												393	393	432	390
68/ 67	.2	2.0	2.4	1.7	1.3	.6	.1											260	260	391	402
66/ 65	.2	1.5	1.8	1.6	.7	.4		.0										195	195	379	320
64/ 63	.1	1.5	1.3	1.5	.8	.3												175	175	256	342
62/ 61	.1	1.1	1.1	1.5	.3	.1												131	131	232	283
60/ 59	.0	.8	1.1	.5	.2													82	82	184	222
58/ 57		.7	.7	.4	.1													59	59	146	194
56/ 55		.4	.5	.0	.0													32	32	140	162
54/ 53		.1	.1															6	6	51	151
52/ 51		.1	.1															5	5	29	105
50/ 49			.1															2	2	10	65
48/ 47																				2	19
46/ 45																				1	16
44/ 43																					6
42/ 41																					3
38/ 37																					1
TOTAL	1.1	19.3	26.1	24.3	16.2	9.0	2.7	.8	.4	.1	.0	.0						3097	3098	3098	3100

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	18948621	239579	77.4	11.580	3097							
Dry Bulb	15926847	221203	71.4	6.542	3098			70.0	40.1	9.6		90
Wet Bulb	13742109	209513	66.3	5.931	3098			48.5	12.9	.1		90
Dew Point	12691940	197270	63.6	6.687	3100			36.0	5.5	.0		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87						.0	.0	.1										4	4		
86/ 85					.1	.1	.1											6	6		
84/ 83				.1	.2	.2	.1	.1										22	22		
82/ 81			.2	.7	.5	.2	.0	.0										56	56		
80/ 79		.6	1.5	1.7	.7	.3	.0											152	154	3	2
78/ 77	.1	1.5	4.2	2.2	1.2	.2	.2											304	305	42	13
76/ 75	.3	3.3	4.8	3.2	1.0	.3		.0	.0									418	420	190	80
74/ 73	.3	5.3	5.9	2.5	.8	.2	.0	.0										488	488	374	245
72/ 71	.4	5.6	5.4	2.2	.8	.3	.1											476	476	494	415
70/ 69	.7	4.7	4.7	2.2	.8	.3		.0										432	432	525	487
68/ 67	.2	2.3	3.7	1.8	.5	.2												278	279	426	441
66/ 65	.2	1.6	2.8	1.4	.3		.1											204	204	315	382
64/ 63	.1	1.5	1.6	1.2	.3	.0	.0											154	158	256	263
62/ 61		.9	1.2	.8	.1	.1												99	99	211	244
60/ 59		.7	.8	.4	.1													64	64	147	185
58/ 57	.0	.3	.7	.2	.1													43	43	99	151
56/ 55		.2	.3	.0														17	17	76	106
54/ 53		.1	.1	.0														7	7	40	85
52/ 51																				21	65
50/ 49																				5	32
48/ 47																					13
46/ 45																					12
44/ 43																					2
40/ 39																					1
TOTAL	2.2	28.5	37.6	20.8	7.5	2.5	.6	.2	.0									3224	3234	3224	3224

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22297468	266408	82.6	9.378	3224							
Dry Bulb	16558039	230725	71.3	5.486	3234			76.0	41.8	4.5		93
Wet Bulb	14828545	217933	67.6	5.483	3224			59.2	17.6			93
Dew Point	14015877	211621	65.6	6.233	3224			48.5	9.8			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.0											1	1		
84/ 83			.0				.0											2	2		
82/ 81			.0	.1	.1	.1	.1											13	16		
80/ 79		.1	.2	.6	.3	.2												44	44	1	
78/ 77		.9	1.7	.6	.4	.0	.0											120	120	10	4
76/ 75	.2	4.4	4.2	1.7	.5	.1	.1	.0										362	364	67	34
74/ 73	.8	5.7	4.8	1.5	.3	.1		.0										428	429	305	179
72/ 71	.7	7.5	4.3	1.7	.2	.0												467	468	429	365
70/ 69	1.4	7.8	4.7	1.0	.3													487	488	528	465
68/ 67	.5	4.8	4.4	1.3	.4	.1												367	367	436	447
66/ 65	.4	3.1	3.8	1.2	.2		.0											280	281	384	388
64/ 63	.1	3.3	2.4	.7	.1													216	217	243	290
62/ 61	.2	2.2	1.7	.7	.2	.0												160	162	279	283
60/ 59	.1	1.4	1.3	.6	.0	.0												110	110	188	216
58/ 57	.0	.7	1.2	.2	.0													66	66	120	174
56/ 55		.6	1.0	.2														59	59	93	113
54/ 53		.4	.5	.0														30	30	72	89
52/ 51		.1	.1															8	8	45	83
50/ 49		.0	.0															2	2	19	45
48/ 47																				4	28
46/ 45																					14
44/ 43																					5
42/ 41																					2
TOTAL	4.3	43.0	36.5	12.1	3.1	.6	.3	.1											3234		3224
																		3222		3223	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24128258	277614	86.1	8.186	3223							
Dry Bulb	15543897	223465	69.1	5.638	3234			66.1	28.1	1.1		93
Wet Bulb	14244375	213467	66.2	5.734	3223			51.2	11.1			93
Dew Point	13618605	208541	64.7	6.335	3224			43.1	6.3			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91							.0	.0		.0								3	3		
90/ 89						.1	.1	.2	.1									15	15		
88/ 87					.1	.2	.3	.3	.0	.0								33	33		
86/ 85		.0		.2	.5	.9	.4	.2		.0								71	71		
84/ 83			.1	.5	1.2	1.1	.2	.1	.0		.0							107	108	1	
82/ 81		.0	.5	1.7	2.0	1.1	.4	.1	.1									191	191		1
80/ 79	.0	.2	2.0	3.0	1.6	.8	.4	.2	.0									267	267	24	
78/ 77		.9	3.7	3.0	1.6	.7	.7	.2	.0	.0								346	346	87	25
76/ 75	.1	2.4	4.5	3.0	2.4	.9	.6	.1	.0									449	450	293	90
74/ 73	.4	3.4	4.5	2.8	1.4	.8	.3	.1										444	444	463	282
72/ 71	.2	3.7	4.3	2.6	1.2	.7	.2	.1										422	422	491	465
70/ 69	.2	2.8	2.8	1.7	1.0	1.0	.1	.0										312	313	447	498
68/ 67	.2	1.4	2.2	1.1	.9	.2	.0											192	192	422	430
66/ 65	.2	.9	2.0	1.0	.7	.1	.0											157	159	293	330
64/ 63	.0	.9	.9	.9	.3	.1	.0											100	100	236	253
62/ 61	.0	.5	.6	.7	.1													60	60	177	225
60/ 59	.0	.3	.1	.3	.1													27	27	137	195
58/ 57		.1	.3	.0														15	15	81	125
56/ 55		.1	.3															13	13	42	122
54/ 53		.0	.1															3	3	24	78
52/ 51																				9	63
50/ 49																				1	29
48/ 47																					9
46/ 45																					6
44/ 43																					2
TOTAL	1.6	17.5	28.9	22.5	15.0	8.6	3.8	1.6	.3	.1	.0								3232		3228
																		3227		3228	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19873349	250431	77.6	11.739	3228							
Dry Bulb	17723093	238541	73.8	6.026	3232			82.2	55.5	15.8		93
Wet Bulb	15307915	221607	68.7	5.405	3228			64.2	25.0	.3		93
Dew Point	14203448	213178	66.0	6.227	3228			51.6	11.5	.0		93

USAFETAC FORM 0-26-5 (GL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — JUL MONTH

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105															.0			1	1		
102/101													.0	.0				2	2		
100/ 99											.0	.2	.0	.0				8	8		
98/ 97								.1	.0	.0	.2	.2	.0	.0				16	16		
96/ 95								.0	.2	.5	.5	.1	.0					44	44		
94/ 93							.1	.4	.8	.7	.3	.1	.0					82	82		
92/ 91					.0	.2	.7	1.1	1.5	.5	.3	.0	.0					141	141		
90/ 89				.0	.2	.8	2.0	2.0	1.1	.3	.3	.2	.1					224	224		
88/ 87				.1	.7	1.8	2.7	1.7	1.0	.6	.4	.1	.0	.0				299	300		
86/ 85		.0	.1	.3	1.5	3.1	2.2	1.8	.9	.7	.4		.1					361	361		
84/ 83			.2	.7	2.4	2.7	1.8	1.6	.9	.6	.4	.1						364	364	5	
82/ 81		.1	.2	1.6	2.5	2.9	1.7	1.2	.8	.5	.2							381	381	34	2
80/ 79		.2	.7	1.8	2.9	1.9	1.5	1.3	.8	.3								362	363	155	21
78/ 77		.2	1.3	1.8	2.1	1.1	1.3	.8	.7	.2	.0							308	308	344	63
76/ 75	.0	.8	.8	1.3	1.1	1.1	.9	.8	.5	.1								240	240	534	180
74/ 73	.1	.6	1.1	.7	.9	.5	.7	.5	.2									172	172	493	321
72/ 71	.1	.7	.7	.2	.3	.5	.6	.1	.0									102	102	454	446
70/ 69	.2	.7	.3	.2	.3	.4	.2	.1	.0									76	76	371	308
68/ 67	.1	.0	.2	.2	.1	.1	.1	.0										28	28	267	396
66/ 65		.1	.1	.1	.0	.0												10	10	226	270
64/ 63		.0	.1	.1														7	7	133	217
62/ 61																				114	177
60/ 59																				70	148
58/ 57																				23	125
56/ 55																				5	116
54/ 53																					90
52/ 51																					70
50/ 49																					33
48/ 47																					30
46/ 45																					8
44/ 43																					6
40/ 39																					1
TOTAL	.4	3.3	5.7	9.3	15.1	17.2	16.4	13.7	9.5	5.1	3.1	.8	.4	.1	.0			3228	3230	3228	3228

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	12662856	196976	61.0	14.118	3228
Dry Bulb	21899807	265171	82.1	6.351	3230
Wet Bulb	16623182	231048	71.6	5.152	3228
Dew Point	14437051	214723	66.5	6.906	3228

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			92.5	66.6	61.4	4.4	93
Dry Bulb			76.5	45.1	2.9		93
Wet Bulb			55.8	16.9	.2		93
Dew Point							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — JUL MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/109																	.1	2	2		
108/107																.0		1	1		
106/105															.0			1	1		
104/103													.0	.2	.1	.1		12	12		
102/101												.1	.2	.2	.0			17	17		
100/ 99									.1		.1	.5	.3	.2				37	37		
98/ 97					.0	.0		.0	.2	.5	.9	.5	.3	.1	.0			82	82		
96/ 95					.0		.1	.3	.3	.8	1.2	.7	.3	.1				140	140		
94/ 93						.1	.2	.7	1.9	1.8	.9	.6	.2	.1	.0			209	209		
92/ 91					.1	.2	1.0	2.5	2.5	1.4	1.2	.4	.1	.2	.0			307	307		
90/ 89					.1	1.2	2.2	2.3	2.4	1.6	1.0	.5	.2	.2				374	374	2	
88/ 87				.0	.4	1.5	2.3	2.2	1.9	1.4	1.1	.6	.1	.0				376	376	1	1
86/ 85			.1	.4	.5	1.8	2.5	2.1	1.7	1.5	.9	.4	.1					385	386		2
84/ 83			.1	.4	1.3	1.9	1.9	1.4	1.5	1.0	.4	.2						328	328	13	
82/ 81		.1	.1	.6	1.8	1.6	1.4	1.5	1.2	.8	.4	.1						304	304	48	1
80/ 79			.6	.9	.9	1.0	1.0	.7	.7	.7	.3	.1						225	225	227	23
78/ 77		.2	.4	1.2	.8	.6	.3	1.0	.8	.3	.1	.0						184	184	433	62
76/ 75		.2	.5	.4	.5	.3	.2	.5	.3	.1								103	103	519	177
74/ 73	.1	.4	.8	.1	.2	.1	.2	.3	.2									73	74	504	267
72/ 71	.0	.3	.2	.1	.2	.2	.2	.1										41	41	420	389
70/ 69	.0	.1	.2	.1	.0	.1												15	15	352	477
68/ 67	.0	.0		.0	.1	.1												8	8	262	380
66/ 65			.1	.0														4	4	171	292
64/ 63			.1	.0														4	4	129	228
62/ 61																				102	228
60/ 59																				36	160
58/ 57																				12	133
56/ 55																				1	124
54/ 53																					86
52/ 51																					83
50/ 49																					52
48/ 47																					36
46/ 45																					23
44/ 43																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					1
40/ 39																					1
36/ 35																					1
TOTAL	.2	1.4	3.1	4.3	6.8	10.7	13.3	15.5	16.2	11.8	8.6	4.6	1.9	1.2	.3	.1	.1		3234		3232
																		3232		3232	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref Hum.	9799157	171859	53.2	14.300	3232							
Dry Bulb	24046330	278058	86.0	6.557	3234			92.8	90.9	77.7	14.4	93
Wet Bulb	17006216	233872	72.4	5.066	3232			60.0	50.3	4.6		93
Dew Point	14184079	212817	65.8	7.270	3232			51.2	15.3	.4		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																.1		2	2		
106/105													.0	.1		.0		5	5		
104/103													.0	.1	.0			4	4		
102/101												.1	.3	.2	.0			20	20		
100/ 99									.0	.1	.1	.3	.4	.2	.0			39	39		
98/ 97							.0		.2	.3	.5	.5	.4	.1				64	64		
96/ 95							.1	.2	.6	1.2	1.0	.8	.2	.0				133	133		
94/ 93		.0			.1	.1	.3	.9	1.3	1.9	1.4	.4	.4	.2				226	226		
92/ 91					.1	.4	.8	2.0	2.3	1.7	1.0	.5	.2	.2	.1			304	304	1	1
90/ 89				.0	.2	1.1	1.6	2.2	2.3	1.9	1.5	.6	.4	.0				383	383		
88/ 87				.1	.4	1.4	2.0	2.7	1.9	1.5	1.5	.4	.4	.1				400	401		
86/ 85			.1	.2	.8	2.3	2.4	2.3	1.5	1.3	1.1	.5	.1					408	408	4	
84/ 83			.1	.4	1.5	1.7	1.4	2.0	1.5	1.2	.6	.2	.1					350	351	14	4
82/ 81		.1	.2	.5	1.6	1.4	1.3	1.2	.9	.8	.4	.2						280	281	65	4
80/ 79		.0	.4	1.1	1.2	.8	.7	.8	.9	.7	.3	.0						225	225	214	29
78/ 77	.0	.1	.5	1.0	.9	.5	.2	.7	.8	.2	.1							161	161	373	59
76/ 75		.4	.5	.6	.3	.2	.3	.3	.3	.1								97	97	523	162
74/ 73	.2	.4	.6	.4	.0	.2	.1	.2	.1									69	69	546	277
72/ 71	.0	.3	.3	.1	.0	.2	.1	.1	.1									38	38	417	369
70/ 69		.2	.2	.1	.0			.1										16	16	379	441
68/ 67		.0	.1	.0	.1	.2												11	11	249	391
66/ 65				.1														2	2	171	329
64/ 63			.1	.0														4	4	140	224
62/ 61																				96	210
60/ 59																				38	165
58/ 57																				8	139
56/ 55																				3	125
54/ 53																					86
52/ 51																					89
50/ 49																					63
48/ 47																					37
46/ 45																					25
44/ 43																					9
42/ 41																					2

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39																					1
TOTAL	.2	1.6	2.8	4.7	7.3	10.5	11.2	15.6	14.6	13.1	9.6	4.5	2.9	1.2	.2	.1		3241	3244	3241	3241

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	> 80 F	≥ 93 F	Total
Rel. Hum	9702933	170811	52.7	14.705	3241							
Dry Bulb	24169220	279238	86.1	6.401	3244			92.2	91.0	78.9	14.1	93
Wet Bulb	17021479	234305	72.3	5.050	3241			79.9	49.9	4.6		93
Dew Point	14150663	212799	65.7	7.425	3241			49.8	15.4	.5		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | JUL MONTH

 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL C.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
104/103													.1					2	2		
102/101													.0					1	1		
100/ 99											.1	.0	.0					4	4		
98/ 97										.0	.2	.1						9	9		
96/ 95							.0		.0	.1	.2	.1						12	12		
94/ 93							.1	.2	.3	.2	.2	.0						34	34		
92/ 91					.0	.1	.5	.4	.7	.4	.1	.0						74	74		
90/ 89					.2	.8	.6	1.3	1.0	.3	.1	.1	.0					148	149		
88/ 87			.0	.1	.4	1.3	1.7	1.3	.6	.6	.3	.1	.1	.0				216	216		
86/ 85			.1	.7	1.5	2.4	2.6	1.2	.6	.6	.2	.1	.0					328	328		
84/ 83			.4	1.3	3.0	2.8	2.4	1.2	.9	.5	.0							403	404	4	
82/ 81		.1	.7	2.4	2.6	2.7	1.6	1.0	.7	.4	.2	.1						394	395	33	3
80/ 79		.2	1.7	2.7	3.1	2.5	1.5	.9	.6	.4	.1							441	441	128	29
78/ 77		.4	1.5	2.4	2.1	1.4	1.6	.9	.5	.1	.0							350	350	276	79
76/ 75	.1	.9	1.6	2.3	1.8	1.0	.8	.7	.4	.1								309	309	508	179
74/ 73	.1	1.0	1.4	1.5	.9	.7	.8	.3	.1	.0								217	217	502	337
72/ 71	.1	.9	.5	.6	.8	.7	.3		.0									133	133	497	430
70/ 69	.1	.5	.5	.3	.4	.3	.1	.0	.0									74	74	418	475
68/ 67		.1	.2	.3	.5	.3	.1											46	46	294	404
66/ 65			.1	.2	.2	.1	.0											20	20	206	282
64/ 63		.1	.1	.1	.1													8	8	141	244
62/ 61			.0	.1														3	3	122	176
60/ 59					.0													1	1	63	144
58/ 57																				24	131
56/ 55																				9	110
54/ 53																				2	78
52/ 51																					51
50/ 49																					43
48/ 47																					18
46/ 45																					8
44/ 43																					2
42/ 41																					4
TOTAL	.4	4.2	8.7	14.9	17.6	17.2	14.7	9.4	6.5	3.8	1.6	.6	.3	.0				3227	3230	3227	3227

Element (Y)	ΣY^2	ΣY	$\bar{Y}$	σ_Y	No. Obs.
Rel. Hum	14045662	207964	64.4	14.123	3227
Dry Bulb	21080503	260229	80.6	5.963	3230
Wet Bulb	16466179	229931	71.3	5.075	3227
Dew Point	14528070	213414	66.8	6.782	3227

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum							
Dry Bulb			92.1	84.8	54.3	1.8	93
Wet Bulb			76.7	41.8	2.9		93
Dew Point			55.8	18.1	.2		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) JUL (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.0								1	1		
94/ 93								.0	.0		.0							3	3		
92/ 91								.0	.0	.0								3	3		
90/ 89					.0	.0	.1	.1	.0									8	8		
88/ 87						.1	.1	.1		.0								11	11		
86/ 85				.2	.3	.8	.3	.0	.2									59	59		
84/ 83		.0	.3	.4	1.1	.7	.4	.1										98	98		
82/ 81		.2	.8	1.9	2.4	.7	.2		.1	.0								207	207	2	
80/ 79		.5	2.7	4.3	2.4	.9	.4	.2	.0									366	366	31	10
78/ 77	.1	1.5	3.6	4.3	2.4	.9	.5	.1										433	433	108	41
76/ 75	.1	2.7	5.3	4.0	2.2	1.1	.6	.1	.1									523	523	351	123
74/ 73	.2	2.6	4.8	3.7	1.5	.8	.3		.0									451	451	467	330
72/ 71	.2	3.2	2.8	2.5	1.5	.6	.1	.0	.0									356	357	529	461
70/ 69	.3	1.5	2.7	2.2	.8	.5	.2	.1										266	266	508	515
68/ 67	.0	.9	2.0	1.6	.9	.3												187	187	347	405
66/ 65		.6	1.2	1.1	.6	.3	.1											127	127	296	350
64/ 63		.2	.5	.8	.4	.1	.0											64	64	218	245
62/ 61		.1	.4	.4	.2													39	39	132	208
60/ 59		.2	.2	.2	.1													22	22	113	162
58/ 57		.1	.1	.0														7	7	76	120
56/ 55		.0	.0	.0														3	3	36	105
54/ 53																				18	78
52/ 51																				2	39
50/ 49																					19
48/ 47																					11
46/ 45																					8
44/ 43																					4
TOTAL	.9	14.5	27.4	27.8	16.9	7.9	3.2	.8	.5	.1	.0								3235		3234
																		3234		3234	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	19618099	249423	77.1	10.860	3234							
Dry Bulb	18061789	241079	74.5	5.450	3235			85.5	62.2	16.8	.1	93
Wet Bulb	15598641	223961	69.3	5.244	3234			67.4	27.6	.4		93
Dew Point	14475477	215437	66.6	6.190	3234			54.2	14.5	.1		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1											2	2		
84/ 83			.1	.0		.1	.0											6	6		
82/ 81			.1	.4	.3	.0												28	28		
80/ 79		.3	1.1	.9	1.1	.2	.1	.0										125	125	2	
78/ 77		1.2	2.7	1.9	.7	.1	.1	.1										218	218	21	12
76/ 75		3.9	4.7	1.9	.7	.2	.1											370	370	123	51
74/ 73	.4	4.8	4.9	2.0	.6	.1	.1	.0										419	419	328	195
72/ 71	.2	4.4	5.0	2.3	.5	.2												406	407	431	339
70/ 69	.3	4.5	4.7	1.8	.5	.2												388	389	441	404
68/ 67	.4	3.7	4.3	1.7	.5	.1												343	345	373	419
66/ 65	.1	3.1	4.4	1.2	.3	.0	.0											297	298	367	355
64/ 63	.1	2.1	3.5	.8	.2	.1												220	220	304	315
62/ 61	.0	2.0	1.8	.8	.2													157	157	278	277
60/ 59	.0	1.3	1.5	.6	.1	.1												116	116	205	258
58/ 57		.7	1.1	.4	.0													72	72	137	206
56/ 55		.4	.6															30	31	98	143
54/ 53		.5	.3															24	24	77	84
52/ 51		.2	.2															12	12	30	85
50/ 49		.1	.0	.0														4	4	15	54
48/ 47		.1																2	2	6	20
46/ 45		.0																1	1	3	16
44/ 43																				1	4
42/ 41																					2
38/ 37																					1
TOTAL	1.6	33.2	40.8	16.6	5.9	1.4	.4	.1										3240	3246	3240	3240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22953537	271287	83.7	8.581	3240							
Dry Bulb	15868407	226109	69.7	6.034	3246			66.2	33.5	2.5		93
Wet Bulb	14329791	214611	66.2	5.943	3240			49.3	13.6			93
Dew Point	13576662	208674	64.4	6.501	3240			40.8	7.4			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.0								1	1		
84/ 83				.0														1	1		
82/ 81					.1	.1												6	6		
80/ 79		.1	.2	.2	.3	.2												33	33		
78/ 77		.6	1.1	.9	.2	.1												92	92	6	1
76/ 75		3.0	3.1	.9	.3	.0	.1	.0										239	239	37	14
74/ 73	.2	6.6	4.0	1.2	.3	.0												403	403	213	125
72/ 71	.6	7.0	3.8	.6	.2	.0												397	397	437	299
70/ 69	.9	6.2	4.0	1.3	.4	.1												418	419	428	455
68/ 67	.7	5.2	4.4	.9	.2	.0												369	371	381	391
66/ 65	.4	4.6	3.5	1.2	.1													317	319	351	315
64/ 63	.2	3.6	3.2	.7	.1													251	252	290	330
62/ 61	.1	4.3	2.5	.6	.1	.1												245	245	277	247
60/ 59	.1	3.0	1.9	.2	.1													170	170	273	262
58/ 57	.1	1.7	1.2	.3														107	107	192	276
56/ 55		1.3	1.6	.0														95	95	126	170
54/ 53	.1	.8	.6															46	46	97	115
52/ 51	.0	.6	.2															26	26	83	85
50/ 49	.1	.2	.1															11	11	27	89
48/ 47		.1	.1															5	5	8	40
46/ 45		.1																4	4	5	14
44/ 43																				5	3
42/ 41																					5
TOTAL	3.5	48.8	35.4	9.2	2.3	.6	.1	.0		.0									3242		3236
																		3236		3236	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	24617838	281146	86.9	7.697	3236							
Dry Bulb	14917231	218985	67.5	6.226	3242			56.3	22.2	.7		93
Wet Bulb	13752661	210003	64.9	6.200	3236			43.2	7.4			93
Dew Point	13162447	209257	63.4	6.652	3236			36.9	4.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥ 31	D.B.-W.B.	D.y Bulb	Wet Bulb	Dew Point
94/ 93											.0								1	1		
92/ 91									.1										2	2		
90/ 89						.1	.0	.1	.1		.0								9	9		
88/ 87			.0		.1	.0	.1	.1	.0										10	10		
86/ 85				.2	.2	.5	.2	.1											37	37		
84/ 83			.1	.5	.6	.6	.2	.0											67	67	1	1
82/ 81			.2	1.4	1.1	.5	.3	.0	.0										118	118		
80/ 79		.0	1.4	2.1	1.0	.5	.1	.1											169	169	16	
78/ 77		.5	3.3	2.6	1.2	.7	.2												277	277	47	11
76/ 75	.1	2.1	4.0	2.7	1.0	.6	.2	.0											341	341	193	55
74/ 73	.2	3.5	3.6	2.3	1.0	.5	.1												361	361	351	230
72/ 71	.3	3.6	3.5	2.2	1.1	.5	.1												367	368	400	362
70/ 69	.3	3.8	3.6	2.3	1.1	.3	.0												368	369	410	396
68/ 67	.2	2.9	3.9	2.2	.7	.2													332	333	378	373
66/ 65	.2	2.4	2.8	1.6	.5	.1													250	251	360	335
64/ 63	.1	1.6	2.4	1.1	.3	.0													178	178	297	317
62/ 61	.0	1.8	1.2	.9	.2	.0													136	136	237	279
60/ 59	.1	1.2	1.1	.4	.1														93	93	222	236
58/ 57	.0	.9	.7	.1															56	56	140	232
56/ 55		.4	.6	.1															37	37	90	157
54/ 53	.0	.2	.2	.0															17	17	54	106
52/ 51		.2	.1																9	9	30	62
50/ 49		.1	.0																3	3	9	55
48/ 47																					5	24
46/ 45		.1																	3	3		6
44/ 43																					3	3
42/ 41																						2
TOTAL	1.5	25.2	32.9	22.6	10.3	5.2	1.5	.5	.2		.1									3245		3242
																			3241		3243	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21336000	260912	80.5	10.310	3243							
Dry Bulb	16532331	230577	71.1	6.764	3245			70.6	39.9	9.3	.0	93
Wet Bulb	14575068	216524	66.8	6.046	3243			51.5	17.4	.2		93
Dew Point	13630047	209145	64.5	6.522	3242			41.0	8.5	.0		93

USAFETAC FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — AUG MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0	.0					2	2		
98/ 97										.1	.0	.3						12	12		
96/ 95								.1	.1	.2	.3	.1						28	28		
94/ 93					.0	.1	.1	.2	.5	.5	.2	.1	.2	.0				64	64		
92/ 91					.0	.1	.7	1.1	1.1	.3	.1	.1	.1					120	120		
90/ 89				.0	.2	.8	1.5	1.5	1.0	.4	.2	.1						185	185		
88/ 87				.0	.6	1.6	1.9	1.6	.7	.3	.1							219	219	1	
86/ 85			.0	.3	1.3	2.2	2.6	1.4	.6	.3	.1							293	293	2	1
84/ 83				.6	1.8	2.8	2.4	1.2	1.0	.3	.1		.0					335	335	5	2
82/ 81		.0	.1	.0	2.5	2.6	2.4	1.3	.6	.1	.1							345	345	28	3
80/ 79		.1	.7	1.9	2.0	2.0	1.9	1.6	.8	.2								364	364	119	11
78/ 77		.2	.8	1.9	2.3	1.4	2.2	1.0	.4	.2								337	337	280	50
76/ 75	.0	.5	1.3	1.6	1.5	1.6	1.1	1.0	.2	.1								285	285	440	155
74/ 73	.0	.7	1.4	1.3	.8	1.7	.6	.2	.1	.0								223	223	423	257
72/ 71	.0	.8	.7	.7	.7	.7	1.0	.2	.0									161	161	461	396
70/ 69	.1	1.0	1.0	.6	.6	.7	.4	.2										148	148	405	440
68/ 67		.5	.4	.2	.3	.4	.1	.1										62	62	319	373
66/ 65		.1	.1	.2	.3	.2	.2											38	38	296	344
64/ 63	.0	.1	.2	.1	.1	.1												18	18	191	256
62/ 61		.1		.1		.0												6	6	128	224
60/ 59		.1	.1	.0	.0													6	6	90	232
58/ 57			.0		.0													2	2	32	163
56/ 55																				21	119
54/ 53																				9	94
52/ 51																				3	51
/ 49																					39
48/ 47																					20
46/ 45																					15
44/ 43																					6
42/ 41																					1
TOTAL	.2	4.3	6.7	10.3	15.2	19.2	19.2	12.6	7.1	3.1	1.1	.7	.3	.0				3253	3253		3252
																		3253		3253	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13324501	203623	62.6	13.339	3253							
Dry Bulb	21155988	261378	80.3	6.888	3253			91.0	80.4	51.8	3.0	93
Wet Bulb	16280760	229442	70.5	5.480	3253			71.0	37.1	2.4		93
Dew Point	14203668	213782	65.7	6.791	3252			48.3	13.7	.3		93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — AUG MONTH

 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
104/103														.0		.0			2	2		
102/101													.2	.0	.1	.1			12	12		
100/ 99								.1	.0	.0	.0	.2	.3	.2		.0			30	30		
98/ 97					.1			.1	.1	.3	.4	.7	.3	.0	.1	.1			72	72		
96/ 95				.0		.1	.1	.2	.7	.6	1.1	.5	.3	.3	.1				131	131		
94/ 93					.0	.1	.3	.8	1.6	1.3	1.0	.6	.2	.2	.0				201	201		
92/ 91					.1	.2	1.0	1.7	2.2	1.3	.7	.5	.2						255	255		
90/ 89				.0	.2	.6	1.9	2.5	2.4	1.5	.8	.3	.2						335	335	3	
88/ 87				.1	.3	1.1	2.4	2.5	2.0	1.4	.5	.1	.0	.0					336	336	1	3
86/ 85				.1	.7	1.5	2.2	2.1	1.8	1.5	.5	.1	.1	.0					346	346	4	
84/ 83		.0	.1	.3	.9	1.9	1.8	1.8	2.3	1.3	.5	.1	.0	.0					363	363	18	3
82/ 81			.1	.6	1.1	1.3	1.7	1.9	1.6	1.0	.2	.1							317	317	45	6
80/ 79		.0	.2	.8	1.0	.8	1.0	1.5	1.2	.5	.2	.0							232	232	177	21
78/ 77		.1	.4	.9	.8	.8	.8	1.0	.8	.3	.0								190	190	325	54
76/ 75		.2	.6	.6	.4	.5	.8	.6	.4	.2									147	147	479	132
74/ 73		.3	.7	.6	.2	.3	.4	.7	.1										111	111	489	226
72/ 71	.2	.5	.5	.2	.2	.2	.2	.4	.2										84	84	409	346
70/ 69	.1	.4	.4	.2	.2	.0	.2	.2											48	48	387	415
68/ 67		.1	.2	.1			.2												15	15	311	390
66/ 65		.1	.1	.1	.1		.1												12	12	236	301
64/ 63	.0	.0																	2	2	162	248
62/ 61																					105	248
60/ 59	.1	.0																	4	4	56	215
58/ 57		.1																	2	2	27	195
56/ 55																					12	140
54/ 53																					1	113
52/ 51																						66
50/ 49																						62
48/ 47																						33
46/ 45																						16
44/ 43																						11
42/ 41																						1
40/ 39																						2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	1.9	3.3	4.5	6.2	9.5	15.2	18.0	17.3	11.4	5.2	3.2	1.9	.9	.3	.3		3247	3247	3247	3247

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	9966964	173968	53.6	14.108	3247							
Dry Bulb	23505858	275318	84.8	7.048	3247			92.4	88.2	71.9	12.8	93
Wet Bulb	16698139	232197	71.5	5.365	3247			75.8	44.1	4.0		93
Dew Point	13916784	211262	65.1	7.264	3247			45.7	12.7	.7		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103														.1	.0	.1	.0	6	6		
102/101												.0	.1	.2	.1	.0		14	14		
100/ 99											.1	.1	.3	.1	.1	.1		24	24		
98/ 97									.1	.2	.4	.3	.5	.1	.1			51	51		
96/ 95								.2	.8	1.0	.6	.6	.1	.3	.1			121	121		
94/ 93						.1	.3	.6	1.2	1.3	.9	.6	.5	.2	.0			185	185		
92/ 91						.4	.7	1.4	1.7	1.2	1.2	.6	.3	.2				246	246		
90/ 89					.4	.8	1.6	2.2	2.4	1.6	.9	.4	.1					338	338		
88/ 87				.1	.3	.9	1.5	2.2	2.3	1.3	.9	.2	.1	.1				324	324		
86/ 85			.1	.1	1.0	1.8	2.5	1.5	2.3	1.6	.8	.1	.1					386	386		
84/ 83			.1	.3	1.1	2.0	1.6	1.9	1.7	1.2	.6	.2	.1					356	356	7	
82/ 81			.2	.7	1.0	1.1	1.7	1.7	1.4	1.2	.2	.1						297	297	60	7
80/ 79			.4	1.1	1.3	1.2	.9	1.3	1.4	.4	.3	.1						269	269	156	15
78/ 77		.2	.5	1.1	1.1	.6	.8	1.0	.8	.3	.1							210	210	315	61
76/ 75	.0	.5	.6	.6	.5	.3	1.1	.5	.4	.1								147	147	425	133
74/ 73	.1	.2	.5	.5	.5	.3	.5	.7	.2									113	113	516	252
72/ 71	.1	.5	.7	.3	.1	.2	.3	.2	.1									80	80	425	324
70/ 69		.4	.3	.1	.0	.1	.1	.1	.0									35	35	413	372
68/ 67		.1	.2	.1			.1	.1										19	19	319	350
66/ 65	.0	.1	.2	.1	.0	.0	.0											15	15	237	331
64/ 63			.0		.0	.0												3	3	172	270
62/ 61																				98	248
60/ 59	.1																	3	3	67	213
58/ 57		.1																3	3	21	181
56/ 55																				11	162
54/ 53																				3	111
52/ 51																					77
50/ 49		.0																1	1		62
48/ 47																				1	27
46/ 45																					24
44/ 43																					14
42/ 41																					6
40/ 39																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	2.1	3.6	5.2	7.3	9.3	13.7	15.6	16.6	11.3	7.1	3.3	2.2	1.1	.4	.2	.0	3246	3246	3246	3246

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	10115053	174573	53.8	14.961	3246							
Dry Bulb	23362359	274449	84.5	6.972	3246			92.3	88.4	71.7	11.5	93
Wet Bulb	16601098	231504	71.3	5.275	3246			75.5	42.4	3.9		93
Dew Point	13814636	210406	64.8	7.367	3246			43.4	13.4	.3		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | AUG MONTH

 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0						1	1		
98/ 97												.1						2	2		
96/ 95									.0	.1	.1	.0	.0					9	9		
94/ 93								.1		.1	.1	.1						11	11		
92/ 91						.1	.4	.2	.4	.2	.1	.0						44	44		
90/ 89					.1	.3	.5	.6	.6	.4	.1	.1						90	90		
88/ 87				.1	.7	1.1	1.0	.8	.6	.2	.1	.1						150	150		
86/ 85				.5	1.4	2.2	1.8	1.0	.4	.2	.1	.0						256	256		
84/ 83			.5	1.1	2.0	2.4	1.8	1.0	.7	.1	.0	.1						311	311	2	
82/ 81		.1	.7	2.0	3.0	1.9	1.3	.7	.4	.1		.0						335	335	14	
80/ 79		.2	1.5	2.8	3.0	2.3	1.5	1.0	.5	.1	.1							418	418	96	15
78/ 77		.4	2.3	2.4	2.0	1.8	1.4	.6	.2	.1								361	361	221	69
76/ 75		.8	2.2	2.5	2.0	1.5	.9	.2	.2	.0								337	337	380	175
74/ 73	.1	1.0	1.8	2.2	1.2	1.4	.6	.4	.0									284	284	494	269
72/ 71	.2	1.1	1.5	1.8	1.2	.8	.4	.2	.0									234	234	476	378
70/ 69	.1	1.2	1.4	1.1	1.1	.7	.3	.0										195	195	408	451
68/ 67	.0	.2	.5	.8	.7	.3	.1											86	86	358	385
66/ 65	.0	.2	.6	.5	.6	.1	.1											65	65	296	327
64/ 63	.0	.2	.2	.2	.2	.1	.0											33	33	182	286
62/ 61		.1	.2	.1	.1													14	14	145	234
60/ 59	.0	.1		.1	.1													9	9	96	202
58/ 57		.0		.0														2	2	53	154
56/ 55			.1															2	2	13	108
54/ 53																				11	85
52/ 51		.0																1	1	5	50
50/ 49																				1	31
48/ 47																					16
46/ 45																					13
42/ 41																					2
TOTAL	.5	5.6	13.4	18.2	19.5	16.9	12.2	7.0	4.1	1.5	.6	.5	.0						3250		3250
																		3250		3251	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15520804	220224	67.8	13.468	3248							
Dry Bulb	20010323	254151	78.2	6.461	3250			89.4	74.7	41.2	.7	93
Wet Bulb	16067263	227879	70.1	5.380	3251			70.1	34.5	1.8		93
Dew Point	14346531	214855	66.1	6.626	3250			49.8	15.1	.3		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — AUG MONTH

 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89						.0		.1										3	3		
88/ 87					.0	.0	.0	.1	.0									6	6		
86/ 85			.1	.0	.1	.2	.2	.0	.0	.0								21	21		
84/ 83			.1	.3	.6	.6	.1	.1										55	55		
82/ 81		.1	1.0	1.9	1.2	.9	.4	.1										182	182	2	
80/ 79		.3	2.4	3.2	1.4	.7	.2	.1	.0									273	273	11	2
78/ 77		.8	3.7	3.3	2.0	.5	.4	.1										351	351	88	28
76/ 75	.0	2.7	4.7	3.1	1.6	1.0	.3											435	435	229	118
74/ 73	.1	2.6	4.9	3.1	1.2	.5	.1	.0										408	408	424	235
72/ 71	.1	3.0	3.7	2.9	1.4	.5	.1											378	379	449	399
70/ 69	.1	2.6	4.2	2.9	.9	.2	.2											359	360	463	420
68/ 67	.1	1.5	3.2	2.4	.9	.2	.1											270	270	363	416
66/ 65	.0	1.0	2.6	1.6	.5	.3												196	196	357	339
64/ 63		.8	1.7	1.0	.4	.1												131	131	277	301
62/ 61	.1	.5	.7	1.2	.2	.0												87	87	220	279
60/ 59		.4	.6	.4	.1													47	47	139	227
58/ 57		.2	.4	.1														22	22	102	166
56/ 55		.1	.2	.1														12	12	76	113
54/ 53		.1	.0	.0														5	5	26	70
52/ 51		.0	.1															3	3	12	73
50/ 49		.1																2	2	4	37
48/ 47																				4	15
46/ 45		.0																1	1	1	8
42/ 41																					1
TOTAL	.6	16.9	34.0	27.7	12.3	5.7	2.2	.5	.1	.0								3247	3249	3247	3247

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20498560	255940	78.8	9.998	3247							
Dry Bulb	17252450	233962	72.6	5.962	3249			78.5	49.6	12.0		93
Wet Bulb	15069530	220440	67.9	5.654	3247			58.1	21.6	.1		93
Dew Point	14048270	212572	65.5	6.372	3247			46.3	11.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.0											1	1		
84/ 83				.1														2	2		
82/ 81			.0	.1	.0	.0												5	5		
80/ 79			.2	.2	.1	.1	.0	.0										17	17		
78/ 77			.5	.6	.2	.2	.2	.1										56	56	3	
76/ 75		.4	1.2	.8	.3	.2	.2		.0									98	98	12	3
74/ 73		1.8	2.6	1.3	.3	.2	.0		.1									198	198	60	27
72/ 71	.2	3.0	2.4	.7	.4	.2	.1		.0									218	218	138	84
70/ 69	.2	3.9	3.6	1.3	.3	.3												303	303	266	203
68/ 67	.5	3.1	3.2	1.1	.5	.3	.0											270	270	261	228
66/ 65	.4	2.4	3.3	1.1	.5	.0												244	244	269	240
64/ 63	.3	2.3	3.1	1.5	.5	.0	.1											241	241	208	232
62/ 61	.4	3.1	2.0	1.3	.5	.1												229	229	250	204
60/ 59	.1	2.8	2.9	1.5	.4	.1												243	243	252	250
58/ 57	.4	2.5	2.9	1.3	.3	.1												234	234	253	225
56/ 55	.2	1.9	2.7	1.0	.1													187	187	234	210
54/ 53	.1	1.8	1.8	.8	.1													145	145	213	216
52/ 51	.1	2.2	1.8	.8														152	152	184	203
50/ 49	.1	1.7	1.3	.4	.1													111	111	183	189
48/ 47		1.2	1.0	.3	.0													80	80	110	183
46/ 45		.9	.6	.1	.0													51	51	113	147
44/ 43	.0	.5	.3	.0														26	26	60	99
42/ 41	.1	.2	.2															15	15	34	80
40/ 39		.1	.1															6	6	20	54
38/ 37		.1		.0														5	5	7	30
36/ 35		.1																2	2	7	12
34/ 33																				1	10
32/ 31																				1	8
30/ 29																					1
26/ 25																					1
TOTAL	3.0	36.2	37.5	16.2	4.6	1.6	.7	.1	.2									3139	3139		3139
																		3139		3139	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21714676	259206	82.5	10.054	3140							
Dry Bulb	12504813	196329	62.5	8.475	3139			33.5	10.8	.5		90
Wet Bulb	11224268	185892	59.2	8.291	3139		.0	21.2	2.2			90
Dew Point	10450550	178904	57.0	8.949	3139		.3	15.6	.9			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1			.1	.1											7	7		
78/ 77		.1	.3		.0			.1										13	13	2	
76/ 75		.3	.5	.3	.0	.1	.0											39	39	4	2
74/ 73	.1	1.2	1.5	.7	.2	.1	.0											119	119	31	16
72/ 71	.2	3.6	2.3	.6	.1	.1												214	214	80	54
70/ 69	.3	3.6	2.1	.6	.2	.1	.1											219	219	232	140
68/ 67	.6	4.5	2.5	.6	.3	.2	.1											278	278	225	224
66/ 65	.7	3.8	2.7	.7	.3	.2												262	262	262	245
64/ 63	.3	3.1	2.6	.8	.4	.1	.1											234	234	231	224
62/ 61	.3	3.9	1.6	.9	.2	.1												221	221	199	200
60/ 59	.3	3.7	2.2	.8	.2	.1												228	228	255	219
58/ 57	.5	3.9	2.7	.5	.1	.1												244	244	228	220
56/ 55	.6	3.2	3.0	.6														232	232	257	205
54/ 53	.2	3.1	2.6	.3	.0													194	194	228	228
52/ 51	.2	3.5	1.6	.5														178	178	205	230
50/ 49	.1	2.7	1.8	.1														147	147	208	219
48/ 47	.1	2.2	1.3															112	112	155	178
46/ 45		1.6	.9	.0														79	79	129	166
44/ 43	.2	1.1	.5	.0	.0													58	58	78	120
42/ 41	.1	.6	.3	.1														34	34	69	101
40/ 39	.1	.3	.0															14	14	30	68
38/ 37	.0	.2	.0	.0														9	9	15	44
36/ 35	.0	.1																5	5	12	14
34/ 33		.0	.1															3	3	4	12
32/ 31																				2	3
30/ 29																				2	5
28/ 27																					1
26/ 25																					3
TOTAL	4.9	50.4	33.1	8.1	2.0	1.1	.3	.1										3143	3143		3143
																		3143		3143	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	23362962	269534	85.8	8.894	3143
Dry Bulb	11662463	189533	60.3	8.612	3143
Wet Bulb	10693414	181360	57.7	8.527	3143
Dew Point	10084014	175724	55.9	9.085	3143

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum							
Dry Bulb			25.5	5.1	.1		90
Wet Bulb		.1	16.4	1.1			90
Dew Point		.3	12.5	.6			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
88/ 87					.0		.0												2	2		
86/ 85				.0		.1			.0										6	6		
84/ 83				.0	.1	.0	.1	.0											9	9		
82/ 81				.2	.1	.1	.1	.1	.0										17	17	2	
80/ 79			.1	.5	.3	.2	.2	.1	.1	.0									46	46		1
78/ 77		.0	.6	1.0	.5	.2	.1	.0	.0	.0									84	84	1	1
76/ 75		.4	1.4	1.1	.3	.2	.1	.0											117	117	24	1
74/ 73	.0	1.2	2.0	1.3	.4	.2	.1	.1											169	169	81	27
72/ 71	.1	2.4	2.5	1.0	.4	.1	.1	.1											209	209	156	95
70/ 69	.3	3.5	2.6	1.1	.8	.4	.2	.1	.0										281	281	236	178
68/ 67	.4	3.1	2.7	1.6	.8	.4	.2		.0										288	288	257	[illegible]
66/ 65	.3	2.5	2.4	1.1	.6	.2	.2												230	230	259	246
64/ 63	.2	2.1	1.9	1.5	.7	.3													211	211	211	190
62/ 61	.1	2.6	2.4	2.1	.7	.3	.0												257	257	209	203
60/ 59	.3	3.0	2.4	1.4	.6	.4													256	256	249	232
58/ 57	.3	2.1	2.6	1.2	.6	.1													217	217	265	186
56/ 55	.3	2.1	2.2	1.1	.1	.1													183	183	263	224
54/ 53	.1	2.1	1.8	.7	.2														155	155	211	235
52/ 51	.1	2.1	1.2	.4	.1														120	120	214	224
50/ 49	.0	1.6	1.4	.3	.1	.0													109	109	161	216
48/ 47	.1	.8	1.1		.1														63	63	125	170
46/ 45		1.0	.5	.1	.1														54	54	77	138
44/ 43	.1	.5	.2	.1															28	28	65	109
42/ 41	.1	.3	.2																17	17	42	89
40/ 39		.0	.1	.0															5	5	13	60
38/ 37	.0	.1	.0																6	6	12	28
36/ 35		.1																	2	2	6	8
34/ 33		.0	.0																2	2	2	9
32/ 31																					1	11
30/ 29																					1	6
26/ 25																						1
TOTAL	2.9	33.7	32.5	17.8	7.5	3.3	1.4	.6	.2	.1									3143	3143	3143	3142

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	20933446	253886	80.8	11.630	3143							
Dry Bulb	12732076	198108	63.0	8.831	3143			35.2	12.9	1.5		90
Wet Bulb	11266539	186319	59.3	8.395	3143		.1	21.7	3.1	.1		90
Dew Point	10383151	178323	56.8	9.142	3142		.5	16.0	.9			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99														.0	.0	.0		3	3		
98/ 97											.0	.1		.0	.1			6	6		
96/ 95										.1	.1	.0	.1	.1				10	10		
94/ 93								.0	.1	.1	.1	.1	.1	.0				15	15		
92/ 91							.0	.2	.3	.1	.3	.2	.1					37	37		
90/ 89						.1	.2	.5	.5	.2	.2	.2	.1					62	62		
88/ 87					.1	.4	.8	.6	.3	.6	.3	.1	.0	.0				98	98		
86/ 85					.2	1.1	1.1	.6	.5	.5	.4		.0					142	142		
84/ 83				.2	.6	1.6	.8	.7	.8	.3	.2	.2						169	169		
82/ 81				.7	1.3	1.8	.9	.8	.4	.4	.1	.1	.0					204	204		
80/ 79		.0	.1	1.1	1.6	1.5	1.2	1.1	.5	.4	.3	.1						248	248	12	
78/ 77	.1	.0	.3	1.1	1.0	1.2	1.0	.6	.4	.4	.1							201	201	57	6
76/ 75		.2	.5	1.1	1.6	1.1	1.1	1.1	.8	.5	.1							254	254	179	18
74/ 73		.4	1.1	1.0	1.2	1.0	.9	.8	.7	.3	.0							229	229	239	77
72/ 71	.1	.8	1.0	1.1	1.1	1.1	1.4	1.0	.5	.1	.0							260	260	246	169
70/ 69	.1	1.0	1.1	1.1	1.1	1.4	1.6	.6	.6	.0								273	273	293	247
68/ 67	.1	.6	.8	.7	1.2	1.2	1.0	.5	.1	.0								194	194	295	244
66/ 65	.0	.5	.8	1.1	1.1	1.2	.8	.4	.1									191	191	260	223
64/ 63	.0	.5	.6	.8	1.1	.9	.6	.2	.0									153	153	228	194
62/ 61		.6	.6	.7	.9	.9	.5	.2										135	135	236	228
60/ 59	.1	.5	.4	.4	.5	.6	.2	.0										87	87	286	218
58/ 57	.1	.3	.4	.4	.4	.2	.1											55	55	244	208
56/ 55	.1	.2	.3	.3	.3	.3	.0	.0										44	44	188	200
54/ 53		.3	.4	.1	.2	.0												30	30	149	109
52/ 51		.2	.1	.1	.1	.2	.1											23	23	89	183
50/ 49		.1	.1		.0													5	5	63	174
48/ 47		.0		.1			.1											5	5	37	157
46/ 45					.1													2	2	17	125
44/ 43																				5	86
42/ 41																				1	67
40/ 39																				2	48
38/ 37																				4	27
36/ 35																					16
34/ 33																					14

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					9
30/ 29																					3
26/ 25																					2
24/ 23																					1
22/ 21																					2
20/ 19																					1
TOTAL	.7	6.3	8.5	12.2	15.7	17.8	14.4	10.1	6.5	4.1	2.1	1.0	.4	.2	.1	.0		3135	3135	3136	3136

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12470687	191125	60.9	16.197	3136							
Dry Bulb	17190993	230371	73.5	9.152	3135			69.0	48.2	25.9	1.0	90
Wet Bulb	13042365	200797	64.0	7.690	3136			37.9	14.0	.1		90
Dew Point	10910642	182482	58.2	9.653	3136		.5	21.8	2.9			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13002 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103																.0		1	1		
102/101															.1	.0	.1	6	6		
100/ 99													.1	.2		.2	.0	17	17		
98/ 97										.0	.1	.3	.1	.1	.3	.1		26	26		
96/ 95						.0			.1	.3	.0	.3	.3	.3	.1			46	46		
94/ 93							.0	.2	.4	.6	.3	.4	.3	.3	.1			82	82		
92/ 91				.0			.1	.6	.7	.6	.5	.7	.5	.2	.1			128	128		
90/ 89						.1	.6	1.1	1.1	1.1	.5	.6	.3	.2	.1			176	176		
88/ 87				.0	.0	.3	1.1	1.8	1.0	.6	.7	.6	.2	.0				200	200		
86/ 85				.0	.2	.9	1.2	1.1	1.0	1.1	.9	.4	.1					219	219	2	
84/ 83				.0	.6	1.1	1.6	.9	1.2	.9	.5	.2	.1	.0				227	227	1	2
82/ 81			.1	.2	.6	1.0	.9	1.3	.8	.7	.5	.4	.1					207	207	3	
80/ 79			.1	.4	.9	.7	1.1	1.4	.9	1.1	.7	.5	.0					248	248	28	3
78/ 77			.3	.4	1.0	.5	1.1	.7	1.3	1.1	.7	.3						238	238	96	1
76/ 75		.3	.5	.8	.4	1.1	1.0	1.5	1.5	.7	.3	.0						255	255	206	22
74/ 73		.2	.6	.5	.4	.9	.6	1.2	1.0	.9	.1							203	203	282	83
72/ 71		.5	.7	.4	.3	.8	1.2	1.5	1.0	.5	.1							219	219	282	148
70/ 69	.1	.4	.6	.4	.4	.8	.8	1.1	.8	.2	.1							179	179	316	219
68/ 67	.1	.4	.7	.4	.3	.4	.7	.8	.4	.1								136	136	292	276
66/ 65	.1	.2	.4	.3	.3	.5	.6	.6	.3	.0								102	102	288	171
64/ 63	.1	.2	.3	.2	.5	.4	.3	.4	.1									79	79	227	214
62/ 61	.0	.2	.1	.3	.3	.2	.1	.2										45	45	238	194
60/ 59	.1	.3	.2	.1	.1	.1	.2	.1	.1									36	36	265	224
58/ 57	.0	.1	.2	.1	.2	.1	.1											23	23	198	202
56/ 55	.0	.1	.1	.1		.1	.1	.1	.0									19	19	179	178
54/ 53		.1	.1	.1			.1	.0										12	12	99	189
52/ 51		.0	.0			.0	.0											4	4	58	190
50/ 49		.2																5	5	35	189
48/ 47																				24	131
46/ 45			.1															2	2	7	115
44/ 43		.0																1	1	3	116
42/ 41																				12	93
40/ 39																					70
38/ 37																					40

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					30
34/ 33																					14
32/ 31																					9
30/ 29																					7
28/ 27																					4
26/ 25																					2
24/ 23																					2
22/ 21																					2
18/ 17																					1
TOTAL	.4	3.3	5.1	4.9	6.4	10.1	13.7	16.7	13.6	10.5	6.0	4.6	2.1	1.4	.7	.4	.1		3141		3141
																		3141		3141	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9147407	160809	51.2	17.066	3141							
Dry Bulb	19603910	246376	78.4	9.418	3141			80.6	65.3	41.9	5.1	90
Wet Bulb	13606497	205403	65.4	7.451	3141			43.2	17.7	.4		90
Dew Point	10689533	180435	57.4	10.165	3141		.8	21.6	3.2	.1		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																.0	.0	.1	5	5		
100/ 99												.0	.0	.2	.1	.1	.1		14	14		
98/ 97										.0		.1	.0	.0	.1	.1			11	11		
96/ 95							.0		.1	.0	.1	.3	.2	.3	.1	.0			39	39		
94/ 93						.0		.1	.2	.6	.4	.3	.3	.2	.0				67	67		
92/ 91							.1	.3	.7	.4	.6	.5	.3	.3	.1				101	101		
90/ 89						.0	.3	1.1	.9	.7	.6	.4	.4	.1					143	143		
88/ 87				.0		.3	1.0	1.7	1.0	.8	1.0	.4	.3	.0					207	207		
86/ 85				.0	.1	.8	1.5	.9	1.2	1.0	.6	.3	.1						205	205		
84/ 83				.1	.5	1.3	1.3	1.1	1.2	.9	.7	.3	.1						232	232	2	
82/ 81				.3	1.1	1.2	1.1	1.1	1.1	1.1	.4	.2	.2						251	251	1	
80/ 79			.2	.7	.8	.7	.9	1.3	1.0	.8	.9	.3	.1						235	235	16	3
78/ 77		.0	.4	.4	.9	.7	1.0	1.1	1.2	1.3	.7	.1							249	249	68	1
76/ 75		.2	.5	1.1	.7	.8	1.0	1.6	1.3	1.1	.4	.1							277	277	191	14
74/ 73	.0	.3	.7	.5	.3	.8	.7	1.6	1.0	.6	.2	.0							212	212	296	67
72/ 71	.0	.7	.7	.4	.6	.7	.8	1.4	.9	.5	.0								215	215	273	136
70/ 69	.1	.3	.5	.5	.6	.7	.9	1.3	.6	.2	.1								186	186	324	255
68/ 67	.1	.8	.3	.3	.4	.7	.5	1.0	.6	.0									148	148	308	263
66/ 65	.1	.5	.5	.3	.2	.6	.6	.6	.3										112	112	285	184
64/ 63	.0	.3	.3	.2	.2	.5	.3	.3	.1										70	70	244	205
62/ 61	.1	.2	.2	.3	.1	.2	.3	.3	.0										50	50	249	195
60/ 59	.0	.4	.3	.1	.1	.2	.1	.1											42	42	249	225
58/ 57	.0	.3	.1	.2	.2		.2	.0	.0										31	31	210	215
56/ 55		.2		.1	.1	.1	.1	.1											19	19	164	175
54/ 53			.1	.2		.1	.0	.1											12	12	107	194
52/ 51		.1	.1	.1															6	6	61	187
50/ 49		.1																	3	3	45	153
48/ 47																					23	163
46/ 45																					11	129
44/ 43																					4	97
42/ 41		.1																	3	3	9	102
40/ 39																						57
38/ 37																						40
36/ 35																						31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					26
32/ 31																					10
30/ 29																					9
28/ 27																					1
26/ 25																					2
24/ 23																					2
22/ 21																					1
20/ 19																					1
18/ 17																					1
TOTAL	.5	4.5	4.9	5.6	7.0	10.3	12.5	17.0	13.4	10.1	6.6	3.4	2.0	1.2	.4	.2	.2		3145		3146
																		3145		3146	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9526342	163914	52.1	17.707	3146							
Dry Bulb	19301014	244682	77.8	9.175	3145			80.0	64.3	40.3	3.9	90
Wet Bulb	13512287	204883	65.1	7.337	3146			42.3	16.4	.3		90
Dew Point	10652833	180263	57.3	10.149	3146		.8	21.1	2.4	.1		90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) SEP (MONTH)

 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93											.0			.1				4	4		
92/ 91										.0	.0	.1						5	5		
90/ 89						.0		.1	.1	.1	.1	.0						13	13		
88/ 87						.2	.1	.2		.1	.1	.0						20	20		
86/ 85					.3	.4	.4	.3	.3	.2	.2	.0						64	64		
84/ 83				.1	.8	.7	.6	.5	.3	.3	.0							101	101		
82/ 81			.1	.4	1.2	1.0	.6	.4	.3	.1	.1							130	130		
80/ 79		.1	.4	1.7	1.8	1.1	1.0	.6	.4	.1								218	218	2	
78/ 77		.1	1.0	1.7	1.7	1.1	.8	.4	.2	.1								223	223	23	
76/ 75		.4	1.2	2.1	1.6	1.2	1.0	.6	.2	.1	.0							265	265	100	14
74/ 73	.1	.6	2.1	1.7	1.8	1.0	.7	.3	.2	.0								267	267	195	79
72/ 71	.0	1.2	1.1	1.4	1.4	1.1	.9	.5	.3	.1								253	253	272	150
70/ 69	.2	1.1	1.7	1.8	1.3	1.2	.8	.4	.2	.1								278	278	305	238
68/ 67	.1	1.3	1.5	1.3	1.5	1.3	.6	.3	.1	.1								255	255	272	269
66/ 65	.1	1.0	1.2	1.7	1.8	1.1	.5	.3	.0									240	240	302	212
64/ 63	.1	.8	1.4	1.1	1.5	1.1	.3	.0										200	200	255	246
62/ 61	.1	1.1	.9	1.3	.6	.6	.3											154	154	236	234
60/ 59	.1	.7	1.1	1.2	.9	.5	.2	.1										150	150	252	240
58/ 57	.1	.5	.8	.9	.5	.2	.1											97	97	252	218
56/ 55		.4	.7	.9	.4	.1	.1											79	79	207	211
54/ 53		.2	.5	.4	.1	.2												43	43	141	195
52/ 51	.0	.3	.4	.2	.2	.0	.0											33	33	130	190
50/ 49		.0	.3	.1	.1	.0												17	17	83	158
48/ 47		.2	.3	.1	.1													19	19	48	115
46/ 45		.0	.0	.1														4	4	27	117
44/ 43		.1		.0														4	4	18	86
42/ 41			.0															1	1	11	63
40/ 39																				4	34
38/ 37																				2	25
36/ 35																					19
34/ 33																					12
32/ 31																					7
30/ 29																					2
26/ 25																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≤ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | SEP MONTH

PAGE 2 | 1300-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.9	10.0	16.4	20.3	19.3	14.3	9.1	4.8	2.6	1.3	.6	.2		.1				3137	3137	3137	3137

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	15333459	214239	68.3	14.964	3137							
Dry Bulb	15664030	220032	70.1	8.579	3137			60.1	37.6	13.0	.1	90
Wet Bulb	12634912	197626	63.0	7.676	3137			33.5	9.2			90
Dew Point	11014265	183611	58.5	9.234	3137		.3	21.5	2.7			90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — SEP MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85						.0												1	1		
84/ 83				.1	.1	.1		.1	.0									11	11		
82/ 81				.3	.2	.0	.1	.1	.1	.0	.0							24	24		
80/ 79			.3	.7	.7	.3	.2	.3	.1		.0							78	78		
78/ 77		.1	1.2	1.4	.7	.4	.2	.0		.0								128	128	5	
76/ 75		.5	2.4	2.1	.8	.4	.3	.1										206	206	37	7
74/ 73	.0	1.7	2.9	1.7	.7	.3	.3	.1										243	243	115	51
72/ 71	.0	1.9	2.6	1.7	.8	.5	.3	.0	.0									248	248	204	138
70/ 69	.3	2.1	2.8	1.7	.7	.4	.1	.0										254	254	298	208
68/ 67	.3	1.8	2.6	2.4	1.1	.4	.1	.1		.0								279	279	232	240
66/ 65	.1	1.7	2.4	2.1	.9	.3	.2	.0	.0									246	246	269	231
64/ 63	.1	1.8	2.2	1.6	1.1	.3	.2	.0										230	230	236	224
62/ 61	.1	2.1	2.4	1.8	1.1	.2	.1	.0										247	247	250	214
60/ 59	.3	1.4	3.1	1.9	.9	.3	.0											248	248	264	252
58/ 57	.3	1.0	2.5	1.6	.4	.1												191	191	235	220
56/ 55	.1	1.4	2.1	1.0	.5	.1												158	158	244	222
54/ 53		.7	1.8	.7	.4	.0												111	111	217	212
52/ 51	.0	.7	1.4	.5	.2													90	90	169	200
50/ 49		.5	1.3	.4	.0													70	70	112	187
48/ 47		.4	.4	.1	.1													31	31	110	156
46/ 45	.0	.3	.3	.2														26	26	77	120
44/ 43		.4	.2	.0														18	18	33	82
42/ 41		.1	.1	.0														6	6	23	69
40/ 39			.0															1	1	11	58
38/ 37		.1																2	2	3	32
36/ 35																				3	14
34/ 33																					4
32/ 31																					8
TOTAL	1.7	20.7	34.9	24.0	11.3	4.2	2.0	.9	.2	.1	.1							3147	3147		3149
																				3147	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	19442278	244612	77.7	11.676	3147
Dry Bulb	13579578	205028	65.2	8.399	3147
Wet Bulb	11789680	190932	60.7	8.085	3147
Dew Point	10753990	181798	57.7	9.061	3149

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			42.1	19.8	2.1		90
Wet Bulb			25.5	4.5			90
Dew Point		.2	18.4	1.7			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — OCT MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.0	.1														3	3		
76/ 75			.1	.2	.0													10	10		
74/ 73		.1	.2	.1	.1	.0												18	18	1	
72/ 71		.6	.2	.2	.2	.1	.0											45	45	16	9
70/ 69	.1	.6	.7	.3	.1	.0	.0											61	61	37	23
68/ 67	.1	.9	.7	.5	.2	.1												80	80	40	45
66/ 65	.0	1.2	.9	.6	.3	.2	.1	.1										113	113	63	33
64/ 63	.3	2.0	1.4	.7	.4	.3	.1											165	165	98	73
62/ 61	.3	2.7	1.2	.7	.4	.2	.1	.0										184	184	134	107
60/ 59	.4	2.3	1.6	1.1	.5	.4	.2	.1										212	212	179	129
58/ 57	.3	2.4	2.2	.7	.7	.3	.2	.0										221	221	170	160
56/ 55	.3	2.2	2.9	1.3	.6	.2	.0	.1										250	250	196	152
54/ 53	.2	2.0	2.8	1.4	.7	.1	.1											234	234	194	155
52/ 51	.4	2.2	2.2	1.9	.6	.0												241	241	231	191
50/ 49	.2	1.6	2.9	1.3	.3													205	205	253	184
48/ 47	.1	1.7	3.1	1.4	.3	.1												216	216	220	194
46/ 45	.1	2.8	3.1	1.5	.2	.1	.0											256	256	260	191
44/ 43	.1	3.0	2.1	.8	.1													199	199	269	188
42/ 41	.3	2.1	2.1	.5	.0	.0												163	163	242	287
40/ 39	.2	2.2	1.5	.3	.1													140	140	198	278
38/ 37	.1	1.2	1.1	.2	.1													85	85	162	193
36/ 35		1.2	.7	.1														66	66	101	176
34/ 33	.0	.8	.8															54	54	78	137
32/ 31		.3	.1	.0														15	15	57	109
30/ 29		.0	.2	.0														7	7	34	79
28/ 27		.0	.0															2	2	7	58
26/ 25	.0																	1	1	7	39
24/ 23																					15
22/ 21																					20
20/ 19																					9
18/ 17																					11
12/ 11																					1
TOTAL	3.4	36.1	35.2	16.0	6.0	2.2	.8	.3										3246	3246	3247	3246

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20656574	253620	78.1	12.740	3246							
Dry Bulb	9150054	169608	52.3	9.418	3246		.7	6.2	.9			93
Wet Bulb	8021852	158538	48.8	9.305	3247		3.0	2.7	.0			93
Dew Point	7096301	147825	45.5	10.595	3246		9.8	2.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — OCT MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87															.0			1	1		
78/ 77				.1														3	3		
76/ 75			.1															2	2		
74/ 73		.2	.2	.1														13	13	2	
72/ 71		.5	.3	.2	.0													32	32	18	7
70/ 69	.1	.5	.6	.2		.0												49	49	23	27
68/ 67	.2	.7	.5	.2														51	51	36	31
66/ 65	.2	1.0	1.3	.4	.1													100	100	56	35
64/ 63	.3	1.9	.6	.4	.1	.3												118	119	85	65
62/ 61	.3	2.1	.6	.7	.3	.2												136	136	118	94
60/ 59	.5	3.0	1.4	.5	.2	.2												185	185	127	119
58/ 57	.3	2.8	1.4	.6	.3	.2	.0	.1										191	191	155	119
56/ 55	.5	3.1	1.6	.7	.5	.2	.0	.0										215	215	179	145
54/ 53	.4	2.5	2.5	1.0	.5		.1	.1										232	234	185	184
52/ 51	.4	2.8	2.2	1.0	.4													218	218	189	161
50/ 49	.2	3.1	2.8	1.0	.2	.2												243	243	230	150
48/ 47	.2	2.7	2.9	.8	.2													218	218	237	213
46/ 45	.1	3.2	3.3	.8		.0												241	241	237	180
44/ 43	.2	3.9	2.6	.6	.2													242	242	274	211
42/ 41	.4	2.7	1.8	.2	.1													168	168	253	258
40/ 39	.3	2.9	2.0	.3														181	181	232	256
38/ 37	.2	2.7	1.5	.4														154	154	167	229
36/ 35	.3	2.0	.6	.1														97	97	167	194
34/ 33	.2	1.3	.8															75	75	101	154
32/ 31	.1	.9	.3	.1														43	43	83	125
30/ 29		.5	.1															21	21	48	92
28/ 27		.2	.0															8	8	27	67
26/ 25		.2																5	5	7	53
24/ 23																				6	35
22/ 21																					17
20/ 19																					11
18/ 17																					9
TOTAL	5.3	47.4	32.1	10.4	3.1	1.3	.2	.2							.0			3242	3245	3242	3241

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	Nu. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	< 73 F	≥ 80 F	< 93 F	Total
Rel. Hum.	22240693	265795	82.0	11.777	3242							
Dry Bulb	8466695	162739	50.2	9.700	3245		2.2	4.3	.5	.0		93
Wet Bulb	7571851	153549	47.4	9.611	3242		4.9	2.3	.1			93
Dew Point	6817227	144555	44.6	10.683	3241		11.7	1.9				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEAR | OCT MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.0				.0								2	2		
78/ 77			.0	.1	.0													4	4		
76/ 75		.1	.1	.1	.0			.0										10	10		
74/ 73		.2	.1	.2	.0	.1	.0	.1										21	21	5	2
72/ 71	.0	.4	.4	.3	.1													42	42	13	9
70/ 69	.0	.5	.6	.2	.2	.1			.0									52	52	28	15
68/ 67	.1	.9	.7	.4	.1	.1	.1		.0									77	77	43	39
66/ 65	.2	1.3	1.2	.7	.4	.2	.1											137	137	77	48
64/ 63	.2	1.6	1.2	.5	.4	.4	.2	.0										147	150	89	69
62/ 61	.4	1.8	1.2	.8	.7	.3	.0		.0									172	172	133	100
60/ 59	.2	2.5	1.5	1.2	.5	.2	.1											197	197	133	114
58/ 57	.4	2.4	1.8	.9	.7	.2	.2	.1										218	218	183	143
56/ 55	.2	2.8	1.8	1.4	.6	.2	.1	.0										233	234	186	144
54/ 53	.3	2.0	2.0	1.4	.8	.2	.1											223	224	229	167
52/ 51	.2	2.4	2.2	1.3	.6	.1	.1											229	229	189	181
50/ 49	.1	2.1	3.3	1.3	.5	.1												242	242	234	183
48/ 47	.2	1.9	2.8	1.3	.1	.1	.0											209	209	239	193
46/ 45	.1	2.6	2.9	1.1	.1	.0												219	219	274	186
44/ 43	.2	2.3	2.3	.7	.1													179	179	248	240
42/ 41	.2	2.7	1.7	.6	.0													171	171	219	251
40/ 39	.2	1.9	1.7	.2	.1													133	133	209	203
38/ 37	.2	1.8	1.3	.5	.1													122	122	147	234
36/ 35	.1	1.5	.6	.1														72	72	119	180
34/ 33	.1	1.2	.4	.0														55	55	94	160
32/ 31		1.0	.2	.1														41	41	68	111
30/ 29	.0	.4	.1															19	19	45	94
28/ 27		.2	.0															6	6	23	63
26/ 25		.1																4	4	5	36
24/ 23																				4	27
22/ 21																					29
20/ 19																					4
18/ 17																					10
14/ 13																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | OCT MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.6	38.5	32.4	15.6	6.2	2.4	1.1	.2	.1	.0								3236	3241	3236	3236

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20675961	255245	78,9	12,957	3236							
Dry Bulb	9007431	167849	51,8	9,855	3241		2.0	6.0	1.1	.0		93
Wet Bulb	7866209	156513	48,4	9,570	3236		4.2	2.6	.1			93
Dew Point	6948649	149909	45,1	10,690	3236		10.8	1.9	.1			93

FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.0	.0					2	2		
88/ 87								.1	.1	.0	.0	.0						9	9		
86/ 85						.1	.1	.1	.1	.1	.1	.1	.0					21	21		
84/ 83					.0	.0	.2	.1	.1	.2	.1	.1	.1	.0				28	28		
82/ 81					.2	.2	.3	.2	.2	.2	.2	.1						52	52		
80/ 79			.0	.0	.3	.4	.4	.3	.6	.5	.2	.1	.0					92	92		
78/ 77			.1	.4	.3	.4	.6	.3	.3	.2	.2							92	92		
76/ 75		.0	.1	.4	.6	.2	.7	.5	.7	.4	.1	.0						129	129	7	
74/ 73		.2	.4	.7	.6	.6	.6	.5	.5	.3	.1		.0					149	149	26	6
72/ 71		.2	.2	.5	.9	1.1	1.0	.8	.8	.2	.1	.0						190	190	56	10
70/ 69		.3	.7	.6	1.0	1.2	.7	1.1	.6	.3	.1							212	212	75	41
68/ 67		.4	1.0	1.0	1.1	1.0	1.0	.6	.2	.0	.0							208	208	111	56
66/ 65	.1	.9	1.0	.8	1.0	1.3	1.1	1.1	.5	.2								253	254	156	81
64/ 63	.0	.6	.8	.6	1.1	1.1	1.4	.7	.2	.0								213	213	212	113
62/ 61	.1	1.0	.9	1.1	.7	1.3	1.2	.8	.2									237	237	228	111
60/ 59	.0	.6	.6	1.2	1.6	1.5	1.0	.3	.1									227	227	239	143
58/ 57	.1	.8	.7	.9	1.3	1.5	.6	.2	.1									195	195	226	174
56/ 55	.0	.5	.8	.8	1.3	1.4	.7	.1										184	184	262	178
54/ 53	.1	.5	.6	1.3	1.6	.9	.2											170	170	223	164
52/ 51	.0	.5	.7	1.1	1.0	.5	.3											134	134	273	189
50/ 49	.1	.5	1.2	1.0	1.2	.4	.2	.0										149	149	239	208
48/ 47	.0	.7	.7	1.0	.6	.4	.0											115	115	259	191
46/ 45	.0	.3	.3	.7	.5	.1	.1											65	65	226	188
44/ 43		.1	.5	.4	.2	.0												40	40	126	229
42/ 41	.1	.1	.2	.3	.1	.1												25	25	101	221
40/ 39		.1	.2	.3	.1													22	22	73	197
38/ 37	.0		.2	.2	.0													15	15	51	161
36/ 35			.0	.1														5	5	24	158
34/ 33			.0															1	1	23	111
32/ 31																				15	107
30/ 29																				3	59
28/ 27																					33
26/ 25																					45
24/ 23																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					13
20/ 19																					8
18/ 17																					6
16/ 15																					4
14/ 13																					3
12/ 11																					1
8/ 7																					2
TOTAL	.6	8.2	12.1	15.6	17.3	16.0	12.5	7.8	5.3	2.5	1.1	.5	.2	.0					3235		3234
																		3234		3234	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12367806	191908	59.3	17.409	3234							
Dry Bulb	13048415	202787	62.7	10.203	3235			34.0	16.5	4.4		93
Wet Bulb	9791559	179651	54.3	8.816	3234		.5	7.9	.9			93
Dew Point	7602074	152606	47.2	11.136	3234		8.7	3.2	.2			93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | OCT MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95															.1			2	2		
94/ 93													.0		.0			2	2		
92/ 91									.0	.1			.0	.0	.1			9	9		
90/ 89								.1	.2	.2	.2	.1	.0	.1				26	26		
88/ 87						.0	.1	.2	.1	.3	.2	.4	.2	.2	.0			61	61		
86/ 85						.0	.2	.5	.3	.5	.5	.3	.5	.1	.0			96	96		
84/ 83					.0	.3	.5	.6	.5	.5	.6	.9	.3	.1				136	136		
82/ 81				.1	.3	.6	.3	.5	.6	.8	.5	.6	.2	.0				146	146		
80/ 79				.1	.4	.6	.6	.9	.6	.5	1.1	.6	.1		.0			170	170		
78/ 77		.0	.1	.1	.4	.6	.7	.7	.7	1.0	.8	.3	.0					181	181	4	
76/ 75		.0		.1	.5	.5	.9	1.0	1.1	1.0	.6	.3						196	196	14	1
74/ 73		.1	.1	.2	.4	.5	1.2	1.0	.9	1.0	.6	.1						197	197	57	6
72/ 71		.1	.2	.2	.5	.6	1.2	.9	1.4	.9	.2							207	207	85	22
70/ 69		.2	.6	.4	.7	.6	.6	1.0	1.0	.6	.2							192	192	103	32
68/ 67	.1	.3	.3	.6	.6	.5	.7	1.1	1.0	.8	.0	.1						198	198	161	63
66/ 65	.1	.4	.8	.3	.3	.5	1.1	1.4	.9	.5								212	212	180	92
64/ 63	.1	.5	.4	.5	.6	.9	1.4	1.4	.3	.3	.0							210	210	241	104
62/ 61	.0	.6	.4	.2	.8	.8	1.3	1.0	.7									187	187	282	129
60/ 59	.1	.8	.2	.4	.3	.8	1.3	.6	.2									157	157	301	132
58/ 57		.6	.4	.4	.3	1.3	.7	.4	.1									135	135	231	177
56/ 55		.1	.8	.4	.8	1.0	.7	.2	.1									132	132	237	157
54/ 53	.0	.7	.4	.4	.5	.6	.6	.2										107	107	251	172
52/ 51		.1	.5	.5	.5	.6	.3	.0	.0									84	84	248	158
50/ 49	.0	.4	.4	.1	.6	.6	.1	.0										71	71	209	181
48/ 47	.0	.2	.3	.4	.2	.3	.1											50	50	213	185
46/ 45		.2	.2	.3	.2	.1	.1											36	36	143	188
44/ 43			.2	.2	.2	.1												19	19	95	242
42/ 41		.1	.1	.1	.2	.1												18	18	82	198
40/ 39				.0		.0												2	2	43	189
38/ 37			.0	.1														4	4	32	176
36/ 35																				16	153
34/ 33																				14	125
32/ 31																				1	98
30/ 29																					88

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 30-72 YEARS | OCT MONTH

 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					44
26/ 25																					51
24/ 23																					30
22/ 21																					21
20/ 19																					5
18/ 17																					6
16/ 15																					6
14/ 13																					4
12/ 11																					4
10/ 9																					1
6/ 5																					1
4/ 3																					1
TOTAL	.4	5.4	6.3	6.1	9.7	12.3	14.6	13.9	10.9	8.9	5.7	3.6	1.4	.6	.2			3243	3243	3243	3242

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9049271	160337	49.4	18.604	3243							
Dry Bulb	15483036	221256	68.2	10.935	3243			52.2	35.0	16.4	.1	93
Wet Bulb	10583349	183131	56.5	8.640	3243		.0	12.2	2.2			93
Dew Point	7543670	151758	46.8	11.650	3242		10.3	3.6	.2			93

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.0	.1		.0	.1	.1			9	9		
90/ 89								.0	.1	.0	.2	.1		.1				16	16		
88/ 87							.1	.2	.1	.1	.1	.2	.1	.2				31	31		
86/ 85							.1	.2	.2	.2	.4	.2	.2	.1				52	52		
84/ 83					.0	.1	.3	.4	.4	.2	.3	.4	.2	.2				83	83		
82/ 81				.0	.2	.5	.7	.4	.6	.7	.4	.4	.2	.0				133	133		
80/ 79			.0	.2	.3	.2	.6	.6	.8	.4	.7	.6	.1					149	149		
78/ 77		.0	.1	.4	.7	.6	.7	1.0	.6	.7	.8	.3						187	187		
76/ 75		.0	.2	.2	.8	.6	1.2	1.1	1.2	.8	.7	.2	.0					227	227	11	
74/ 73		.2	.1	.4	.3	.6	1.0	1.0	.9	.8	.5	.1						195	195	35	3
72/ 71		.1	.1	.4	.7	.8	1.0	.8	1.2	.6	.2							195	195	85	21
70/ 69		.2	.2	.5	.6	.9	.8	1.1	1.1	.4	.2	.0						201	201	105	41
68/ 67	.0	.3	.5	.6	.8	.5	.9	1.0	1.0	.5	.0							200	200	125	53
66/ 65	.1	.5	.7	.8	.5	.9	1.1	1.1	.9	.3	.1							221	221	181	95
64/ 63	.1	1.0	.5	.5	.4	.8	1.1	1.4	.6	.2	.1							211	211	238	101
62/ 61	.2	.8	.4	.3	.7	1.1	1.4	1.1	.5	.1								213	213	283	119
60/ 59	.0	.6	.4	.5	.5	1.2	1.3	.6	.3									171	171	281	146
58/ 57	.1	.5	.3	.6	.5	1.0	.8	.7	.0									150	150	244	173
56/ 55	.0	.2	.6	.5	.7	1.0	1.1	.5										150	150	257	169
54/ 53	.1	.5	.7	.4	.9	.7	.5	.2										127	127	220	180
52/ 51	.1	.4	.5	.5	.9	.6	.2											104	104	252	159
50/ 49	.0	.3	.3	.5	.4	.4	.2	.0										71	71	229	175
48/ 47	.1	.2	.2	.3	.4	.2	.1											47	47	199	194
46/ 45	.0	.2	.2	.2	.5	.1	.0											38	33	167	175
44/ 43		.2	.2	.1	.2	.1	.1											30	30	137	200
42/ 41			.1	.4	.0	.0												19	19	78	185
40/ 39		.0	.0	.3														11	11	38	219
38/ 37			.1															4	4	40	160
36/ 35																				28	186
34/ 33																				12	107
32/ 31																					105
30/ 29																					97
28/ 27																					56
26/ 25																					51

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) 1 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — OCT MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					25
22/ 21																					21
20/ 19																					6
18/ 17																					7
16/ 15																					10
14/ 13																					5
12/ 11																					1
TOTAL	.8	6.3	6.4	8.5	10.9	12.9	15.3	13.4	10.5	6.2	4.9	2.4	.8	.6	.1			3245			3245
																	3245		3245		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	9791755	167303	51.6	18.959	3245							
Dry Bulb	14858486	216856	66.8	10.629	3245			48.1	31.0	11.6		93
Wet Bulb	10376315	181349	55.9	8.628	3245			10.3	1.3			93
Dew Point	7519418	151550	46.7	11.668	3245		11.0	3.4	.1			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.0							1	1		
84/ 83							.0				.0							2	2		
82/ 81						.2	.0	.0	.0		.1							10	10		
80/ 79				.4	.1	.1	.0	.1	.1		.1							18	18		
78/ 77			.0	.1	.3	.2	.2	.1	.1	.1								38	38		
76/ 75		.1	.3	.6	.2	.5	.3	.1	.1	.1	.0							77	77		
74/ 73		.2	.3	.8	.6	.3	.3	.3	.2	.1								101	101	9	1
72/ 71	.1	.2	.4	1.0	.9	.6	.6	.4	.2	.1								147	147	44	13
70/ 69	.0	.3	.6	.9	1.0	1.2	.6	.5	.3	.0								179	179	58	35
68/ 67	.1	.5	.9	1.3	1.4	1.0	.8	.6	.3	.0								221	221	81	49
66/ 65	.1	1.0	1.0	1.7	1.4	1.4	1.0	.2	.1									251	251	127	72
64/ 63	.1	1.3	1.2	1.4	1.0	.7	.7	.2	.1									216	216	156	101
62/ 61	.2	1.3	1.0	1.4	1.4	1.2	.9	.2	.0									250	250	228	123
60/ 59	.1	.9	1.3	1.4	2.0	.9	.5	.1	.0									231	231	227	149
58/ 57	.1	1.1	1.0	1.8	1.5	1.5	.4	.1	.0									246	246	236	185
56/ 55	.1	.6	1.0	1.6	1.7	.9	.6	.2										217	217	259	180
54/ 53	.0	.6	1.4	1.7	1.1	1.1	.4	.0										207	207	238	180
52/ 51	.2	1.0	1.5	1.7	1.1	.7	.1											204	204	263	166
50/ 49	.0	1.0	1.2	1.5	1.1	.3	.1											169	169	239	212
48/ 47	.1	.6	1.6	1.2	.6	.2												137	137	255	228
46/ 45	.2	.7	1.0	1.3	.5	.1												122	122	227	206
44/ 43	.0	.4	.8	.4	.5	.1												72	72	181	213
42/ 41		.1	.6	.7	.2	.1												52	52	156	244
40/ 39		.1	.6	.6	.1													44	44	93	196
38/ 37		.1	.4	.2														20	20	55	133
36/ 35		.1	.2															8	8	73	141
34/ 33		.0	.0	.0														3	3	22	109
32/ 31				.0														1	1	14	113
30/ 29																				2	69
28/ 27																				1	37
26/ 25																					36
24/ 23																					24
22/ 21																					8
20/ 19																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) OCT (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					5
16/ 15																					3
14/ 13																					1
8/ 7																					1
TOTAL	1.5	12.1	18.4	23.2	18.5	13.1	7.6	3.3	1.6	.4	.2							3244	3244	3244	3244

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	15046842	214736	66.2	16.021	3244							
Dry Bulb	11683403	192267	59.3	9.424	3244		.0	22.8	7.1	.6		93
Wet Bulb	9317500	171506	52.9	8.784	3244		.5	5.5	.3			93
Dew Point	7620233	153253	47.2	10.828	3244		8.8	2.8	.0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 58-72 YEARS — OCT MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79					.0													1	1		
78/ 77				.1	.0			.0										4	4		
76/ 75			.2	.2	.2	.1												23	23		
74/ 73		.1	.4	.2	.2	.1	.1	.0										36	36		
72/ 71	.1	.4	.5	1.0	.3	.3	.1	.0	.1									90	90	29	9
70/ 69		.5	1.1	.7	.4	.3	.1	.1										108	108	33	33
68/ 67	.2	.6	1.0	.4	.6	.3	.2	.1	.0									113	113	61	34
66/ 65	.0	.8	1.4	1.2	.7	.3	.4	.2	.0									160	160	101	60
64/ 63	.2	1.9	1.8	1.2	.9	.6	.2	.2										225	225	126	77
62/ 61	.4	1.9	1.4	1.8	.9	.3	.2	.1	.1									232	232	157	144
60/ 59	.2	1.5	1.7	1.5	1.2	.5	.3											226	226	202	134
58/ 57	.1	1.5	2.2	1.7	1.0	.4	.2											232	233	184	164
56/ 55	.1	1.6	1.9	2.0	1.5	.5	.1	.0										249	249	201	141
54/ 53	.2	1.3	2.0	2.1	1.2	.4	.1	.1										238	238	253	174
52/ 51	.3	1.1	1.8	1.7	.7	.2	.1											195	195	238	198
50/ 49		1.3	3.0	1.7	.8	.4	.1											234	234	237	184
48/ 47	.1	1.5	2.6	2.1	.7	.1												232	232	265	202
46/ 45	.1	1.8	2.3	1.7	.2	.1												200	200	258	209
44/ 43	.2	1.4	2.1	.8	.1													146	146	237	233
42/ 41	.0	.9	1.6	.7	.1	.0												109	109	206	275
40/ 39	.0	.6	1.0	.5	.0													70	70	181	198
38/ 37		.4	.9	.3	.0													51	51	95	168
36/ 35		.4	.7	.1														38	38	61	177
34/ 33		.4	.5	.0														28	28	65	136
32/ 31		.1																3	3	40	88
30/ 29		.1	.1															4	4	14	81
28/ 27																				2	44
26/ 25																				1	39
24/ 23																					16
22/ 21																					18
20/ 19																					6
18/ 17																					2
16/ 15																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | OCT MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	22.0	32.2	23.6	12.0	4.8	2.1	.8	.2									3247	3248	3247	3247

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	18426949	240397	74.0	13.918	3247							
Dry Bulb	10108483	178639	55.0	9.342	3248		.2	10.7	1.8			93
Wet Bulb	8557886	164062	50.5	9.091	3247		1.6	3.5				93
Dew Point	7364293	150749	46.4	10.611	3247		8.5	2.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1	.0	.0													4	4		
68/ 67		.1	.1	.1	.0		.1											12	12		
66/ 65	.0	.3	.2	.1	.2	.3												33	33	6	3
64/ 63		.4	.4	.2	.1	.0												38	38	20	15
62/ 61	.2	.6	.3	.5	.2			.0										56	56	28	24
60/ 59	.2	.6	.6	.2	.1	.1												55	55	40	19
58/ 57	.3	.9	.4	.4	.3	.1	.0											74	75	63	55
56/ 55	.2	.9	.9	.6	.3	.2	.0	.0										100	100	86	41
54/ 53	.2	.9	.9	.5	.5	.2		.0										105	105	48	59
52/ 51	.4	1.0	1.3	.7	.5	.1	.0											127	128	90	74
50/ 49	.2	1.3	1.7	.8	.6	.2	.1											153	153	116	78
48/ 47	.1	1.9	1.8	1.1	.6	.1	.1											179	179	112	91
46/ 45	.3	2.6	1.6	1.4	.5	.1												202	202	181	104
44/ 43	.5	1.4	2.1	1.2	.3													170	171	204	136
42/ 41	.1	2.0	2.3	1.4	.2													189	190	154	149
40/ 39	.3	1.7	4.0	1.0	.1													223	225	216	140
38/ 37	.2	2.8	3.2	.9	.2													230	230	212	163
36/ 35	.3	3.5	3.3	1.0														252	252	279	183
34/ 33	.1	3.3	3.0	.5	.1													215	215	231	214
32/ 31	.2	3.3	2.3	.2														185	185	248	252
30/ 29	.4	3.8	1.3	.2														176	176	247	242
28/ 27	.5	2.3	1.0	.0														119	119	211	221
26/ 25	.4	2.0	.8	.1														102	102	108	252
24/ 23	.0	1.0	.4	.1														48	48	90	175
22/ 21	.0	.4	.1															17	17	50	104
20/ 19		.3	.1															10	10	24	93
18/ 17		.7	.1															23	23	14	59
16/ 15		.3	.1															11	11	20	38
14/ 13		.2	.0															8	8	11	46
12/ 11	.0	.2																6	6	10	25
10/ 9		.2																5	5	5	26
8/ 7																				3	8
6/ 5	.1																	3	3	3	14
4/ 3																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | NOV MONTH

 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					6
0/ -1																					4
-2/ -3																					7
TOTAL	5	240	534	213	3	5.0	1.5	.4	.1									3136			3130
																		3130		3130	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18783715	238749	76.3	13.527	3130							
Dry Bulb	5599859	128147	40.9	10.766	3136		20.5	.5				90
Wet Bulb	4802196	118322	37.8	10.259	3130		30.0					90
Dew Point	3963060	105194	33.6	11.691	3130	.3	45.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1	.1		.1												7	7		
66/ 65		.3	.3	.2	.0	.1												28	28	6	2
64/ 63		.4	.1	.1	.2													23	23	11	10
62/ 61	.1	.4	.4	.5	.1													49	49	30	18
60/ 59	.1	.7	.6	.2	.1													55	55	28	24
58/ 57	.1	.9	.2	.2	.1	.0												50	50	53	38
56/ 55	.4	.9	.7	.4	.2	.1												83	83	78	51
54/ 53	.1	1.1	.7	.6	.4	.1												96	96	52	54
52/ 51	.3	1.3	1.2	.5	.3	.3												119	119	69	63
50/ 49	.5	1.2	1.3	.5	.2	.1	.0											122	122	118	84
48/ 47	.3	1.7	2.1	.9	.2	.1	.1											169	169	112	75
46/ 45	.6	2.5	1.4	1.2	.4	.1												193	193	157	112
44/ 43	.3	1.4	2.0	.7	.1	.0												139	139	172	138
42/ 41	.1	2.4	2.3	1.2	.2													194	195	130	125
40/ 39	.4	2.6	2.9	.8	.1													212	214	218	132
38/ 37	.3	3.0	3.5	.6	.2													239	240	199	159
36/ 35	.3	3.8	2.7	1.2														255	255	275	189
34/ 33	.3	3.8	2.7	.4	.0													228	228	241	199
32/ 31	.4	4.0	2.5															212	212	267	246
30/ 29	.4	4.2	1.4	.1														193	194	230	258
28/ 27	.8	2.9	.5	.1														135	135	257	203
26/ 25	.7	2.5	.8	.0														126	128	129	245
24/ 23	.4	1.7	.5															84	84	116	189
22/ 21	.1	1.1	.2	.0														44	44	73	148
20/ 19	.1	.4	.1															19	19	34	105
18/ 17	.0	.5																18	18	21	73
16/ 15	.2	.4	.1															21	21	27	55
14/ 13	.0	.1																4	4	9	34
12/ 11		.2																5	5	7	32
10/ 9		.1																4	4	3	22
8/ 7	.1	.1																6	6	9	10
6/ 5	.1																	4	4	5	16
4/ 3																					2
2/ 1																					14

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | NOV MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1																					6
-2/ -3																					2
-4/ -5																					3
TOTAL	7.5	46.7	31.5	10.5	2.8	1.0	.1												3143		3136
																		3136		3136	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19859473	246331	78.5	12.759	3136							
Dry Bulb	5217763	123495	39.3	10.784	3143		25.1	.2				90
Wet Bulb	4553384	113024	36.7	10.329	3136		34.1					90
Dew Point	3821152	103174	32.9	11.667	3136	.3	47.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 36-72 YEARS | NOV MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1	.0	.0													5	5		
68/ 67		.1	.1	.1	.0													10	10	1	
66/ 65		.1	.2	.1	.2	.0												22	22	7	3
64/ 63		.2	.5	.2	.1													31	31	11	9
62/ 61	.1	.7	.5	.3	.0													49	49	22	8
60/ 59	.0	.8	.5	.2	.1													49	49	43	31
58/ 57	.2	1.0	.4	.2	.1	.0												57	57	65	44
56/ 55	.2	.9	.5	.3	.2	.1		.0										72	72	69	62
54/ 53	.2	1.4	.8	.4	.2	.1	.0											95	95	51	59
52/ 51	.2	1.3	1.2	.5	.3	.1	.0											115	115	75	60
50/ 49	.1	1.3	1.5	.7	.3	.0	.1											129	129	95	74
48/ 47	.2	1.9	1.7	.6	.3	.1	.0											151	151	117	80
46/ 45	.4	2.5	2.0	1.0	.5	.0												202	202	157	98
44/ 43	.4	1.9	2.2	.7	.3													174	174	165	139
42/ 41	.1	2.2	2.2	.9	.1	.1												173	173	164	129
40/ 39	.4	2.3	2.4	1.1	.2	.0												199	201	195	144
38/ 37	.2	2.8	3.3	.8	.1													229	230	204	137
36/ 35	.4	3.8	3.8	.7	.1													279	280	231	190
34/ 33	.5	3.7	2.5	.5														226	226	252	199
32/ 31	.4	4.6	2.4	.2														238	238	304	222
30/ 29	.4	3.6	1.7	.1														180	180	245	267
28/ 27	.6	2.9	.6	.1														131	131	231	217
26/ 25	.5	2.5	.6	.0														115	116	134	250
24/ 23	.3	1.5	.5															73	73	97	186
22/ 21	.2	.9	.2															40	40	77	148
20/ 19	.1	.5	.1															23	23	34	95
18/ 17	.1	.5	.2															24	24	29	81
16/ 15		.4																14	14	20	58
14/ 13		.3																9	9	12	34
12/ 11	.0	.2																6	7	9	27
10/ 9	.0	.1																5	5	5	20
8/ 7	.0	.1																3	4	5	24
6/ 5	.1																	3	4	5	11
4/ 3																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | NOV MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					6
0/ -1																					2
-2/ -3																					6
-4/ -5																					4
TOTAL	6	347	132	9	8	3	1	.6	.2	.0								3131	3139	3131	3131

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	19696726	249104	78.3	12.755	3131							
Dry Bulb	5230611	123557	39.4	10.817	3139		24.9	.4				90
Wet Bulb	4564122	113050	36.7	10.370	3131		24.7	.0				90
Dew Point	3824846	103042	32.9	11.771	3131	.3	47.9					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

 0900-1100 (HOURS L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
80/ 79									.0									1	1		
78/ 77					.1	.0	.0	.0										5	5		
76/ 75					.1	.1	.1	.0										11	11		
74/ 73				.1	.1	.2	.0				.0							13	13		
72/ 71		.0	.1	.1	.2	.2	.1		.0	.1								22	22		
70/ 69			.1	.1	.2	.2	.3	.1	.1	.0		.1						37	37	4	
68/ 67		.0	.2	.4	.4	.3	.3	.1		.0								51	51	9	3
66/ 65		.1	.3	.3	.4	.4	.2	.1	.0									56	56	20	6
64/ 63		.4	.4	.6	.3	.2	.2	.3	.2									80	80	30	14
62/ 61	.0	.4	.7	.4	.4	.7	.3	.2	.1									96	96	55	16
60/ 59	.2	.5	.4	.5	.5	.9	.4	.2	.0									118	119	67	35
58/ 57	.1	.7	.6	.8	.8	.7	.4	.1										126	127	86	50
56/ 55	.2	.5	.7	.9	.8	.4	.3	.1	.1									125	125	93	77
54/ 53	.1	1.1	.7	.9	1.3	.8	.2	.1	.0									162	163	92	67
52/ 51	.2	.9	.9	1.4	1.1	.7	.3	.2										176	176	133	71
50/ 49	.2	.9	1.7	1.3	1.1	.9	.1											192	192	164	98
48/ 47	.1	1.4	1.5	1.2	1.6	.7	.0											206	206	170	92
46/ 45	.1	1.5	1.3	2.1	1.2	.4												206	207	224	116
44/ 43	.1	1.0	2.0	2.5	1.5	.1	.0											225	228	199	151
42/ 41	.1	1.0	1.8	1.8	.9	.1												177	178	196	154
40/ 39	.1	1.5	2.8	2.6	.8	.0												244	244	253	179
38/ 37	.1	1.5	2.0	1.9	.3													181	181	239	165
36/ 35	.3	1.1	2.6	1.4	.3	.0												178	178	258	210
34/ 33	.3	1.6	1.5	.5	.0													122	122	198	209
32/ 31	.1	.8	1.6	.4	.1													96	96	210	227
30/ 29		.6	1.1	.6														72	72	122	226
28/ 27		.5	1.0	.2	.0													54	54	84	198
26/ 25		.4	.5	.0														30	30	76	176
24/ 23		.1	.5	.0														21	21	51	147
22/ 21		.2	.3															15	15	19	107
20/ 19		.1	.1															8	8	27	77
18/ 17		.1	.2															9	9	8	52
16/ 15		.1	.0															4	4	5	38
14/ 13		.0	.0															2	2	9	44

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | NOV MONTH

 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
12/ 11	.0	.1																	3	3	3	28
10/ 9	.0	.1																	3	3	5	21
8/ 7	.1																		2	2	2	17
6/ 5																						14
4/ 3																						6
2/ 1																						5
0/ -1																						5
-2/ -3																						5
TOTAL	2.3	19.2	27.7	23.1	14.2	8.1	3.3	1.4	.5	.1	.0	.1							3128	3134	3128	3128

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14591057	207579	66.4	16.152	3128							
Dry Bulb	7116614	145030	46.3	11.372	3134		9.2	4.0	.9	.0		90
Wet Bulb	5646553	128963	41.2	10.267	3128		17.9	.4				90
Dew Point	4275570	109256	34.9	12.121	3128	.3	40.1	.1				90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — NOV MONTH

 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83											.0							1	1		
82/ 81							.1		.0	.0								6	6		
80/ 79							.1	.1	.0		.0							8	8		
78/ 77						.1	.4	.3	.4	.0	.0	.1						37	37		
76/ 75					.2	.3	.2	.2	.1		.0	.0						30	30		
74/ 73				.0	.1	.2	.3	.4	.3	.0	.1	.1						50	50		
72/ 71			.0		.1	.5	.3	.6	.3	.3	.0	.1						74	74		
70/ 69			.2	.3	.4	.5	.2	.6	.6	.0	.1							91	91	6	
68/ 67		.1	.4	.5	.3	.3	.5	.4	.4	.2								88	88	17	3
66/ 65		.0	.3	.4	.3	.3	.5	.5	.7	.1	.0							99	99	39	9
64/ 63	.0	.4	.3	.5	.4	.7	.7	.8	.4	.1	.0							135	136	60	13
62/ 61		.4	.3	.5	.7	1.0	.8	.5	.3		.0							142	143	90	28
60/ 59	.2	.2	.4	.3	.7	.9	.8	.7	.2									140	140	99	59
58/ 57	.0	.7	.3	.4	.5	.6	1.1	.6	.1									142	143	88	68
56/ 55	.0	.6	.7	.3	.5	1.6	1.3	.5										181	181	130	91
54/ 53		.5	.5	.5	1.1	1.7	1.1	.3	.0									188	188	143	68
52/ 51	.0	.5	.9	.5	1.4	1.1	.9	.1										165	165	171	86
50/ 49		1.0	1.0	1.1	1.5	1.2	.6											202	202	168	89
48/ 47	.2	.5	.6	1.1	2.0	1.1	.2	.0										178	178	195	104
46/ 45	.1	.6	.9	1.8	1.7	1.0	.2											198	198	224	132
44/ 43	.1	.4	1.5	1.4	1.8	.7	.0											185	185	232	136
42/ 41	.1	.5	.9	1.7	1.1	.4												146	146	230	133
40/ 39	.1	1.0	1.2	1.3	.9	.0												144	144	239	126
38/ 37	.1	1.0	1.1	1.5	.3	.1												128	128	230	173
36/ 35	.2	.5	1.3	1.2	.2	.0												108	108	221	221
34/ 33	.1	.8	.6	.8	.1													78	78	138	217
32/ 31	.1	.5	.9	.6	.1													70	70	136	221
30/ 29		.3	.8	.4														45	45	89	227
28/ 27	.0	.2	.4	.1														25	25	68	175
26/ 25		.1	.4	.1														17	17	54	200
24/ 23	.1	.1	.2	.0														11	11	26	135
22/ 21		.0	.2															6	6	13	114
20/ 19		.1	.2	.1														12	12	8	71
18/ 17																				10	67

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROCESSING BRANCH
USAF ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 [illegible] STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | NOV MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
16/ 15																					5	68
14/ 13		.1																	2	2	2	23
12/ 11		.0																	1	1	2	7
10/ 9	.0	.0																	2	2	2	1
8/ 7	.0																		1	1	1	14
6/ 5																						13
4/ 3																						8
2/ 1																						5
-4/ -5																						3
TOTAL	1.5	11.3	16.5	17.8	16.4	14.2	10.6	6.6	3.7	.8	.4	.3								3139		3136
																			3136		3136	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11464804	180610	57.6	18.414	3136							
Dry Bu	8686139	160507	51.1	12.354	3139		5.5	11.0	3.8	.3		90
Wet Bulb	6367064	137556	43.9	10.312	3136		11.9	.1				90
Dew Point	4401940	110960	35.4	12.321	3136	.1	39.6	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.0								1	1		
80/ 79						.0		.1	.0									5	5		
78/ 77						.1	.1	.2		.0	.1							13	13		
76/ 75					.2	.2	.2	.2	.0			.0						27	27		
74/ 73					.1	.2	.1	.2	.2	.1	.0	.0	.1					31	31		
72/ 71			.1	.2	.3	.3	.2	.2	.3	.2	.1	.1						58	58		
70/ 69			.2	.3	.7	.4	.2	.5	.2	.1	.1	.1						84	84	1	
68/ 67		.0	.1	.4	.5	.2	.3	.4	.1	.2								69	69	14	
66/ 65		.1	.4	.8	.4	.5	.6	.5	.4	.1	.1							116	110	32	9
64/ 63	.0	.3	.5	.4	.4	.5	.6	.4	.4	.1	.0							113	113	48	13
62/ 61	.0	.3	.2	.5	.5	.8	.6	.5	.3	.0								118	119	85	29
60/ 59		.6	.3	.6	.7	1.0	.7	.8	.2									155	155	84	53
58/ 57	.1	.6	.4	.6	.7	1.1	1.0	.4	.0									153	153	85	77
56/ 55	.0	.4	.5	.7	.9	1.3	.9	.2	.0									159	159	124	77
54/ 53	.1	.5	.7	.7	1.4	1.1	1.2	.3										189	189	125	65
52/ 51	.1	.7	.6	.6	1.2	1.0	.9	.1										163	163	151	60
50/ 49	.1	.9	.8	1.1	1.4	1.4	.6											198	198	178	94
48/ 47	.1	.9	1.0	1.1	1.7	1.2	.2											196	196	207	111
46/ 45	.1	.2	1.0	2.2	1.5	1.0	.1											190	190	235	124
44/ 43	.1	.6	1.7	2.4	1.5	.5	.0											215	215	186	128
42/ 41	.1	.4	1.4	1.8	1.3	.2												167	167	232	128
40/ 39	.1	.6	1.3	1.7	.8	.2												150	150	253	155
38/ 37	.1	.8	1.7	1.6	.4	.1												145	145	262	155
36/ 35	.3	.9	1.4	1.0	.2	.0												118	118	217	235
34/ 33	.1	1.1	.8	.7	.0	.0												83	83	179	225
32/ 31	.2	.7	.8	.7	.2													78	78	141	230
30/ 29	.1	.4	.6	.3														43	43	87	239
28/ 27	.0	.2	.7	.2														34	34	70	166
26/ 25		.1	.4	.1														18	18	52	195
24/ 23		.3	.2	.1														19	19	31	138
22/ 21		.2	.3															13	13	20	107
20/ 19		.1	.1	.1														7	7	17	85
18/ 17		.0		.0														2	2	11	72
16/ 15		.0																1	1	1	51

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13		.1																2	2	5	41
12/ 11																					18
10/ 9																					13
8/ 7	.1	.0																3	3	2	15
6/ 5																				1	10
4/ 3																					13
2/ 1																					1
0/ -1																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	1.7	12.1	18.1	20.6	17.0	13.2	8.7	5.2	2.1	.8	.4	.2	.1					3136	3137	3136	3136

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	12083428	186306	59.4	17.995	3136							
Dry Bulb	8250213	156425	49.9	11.981	3137		6.3	8.3	2.2	.1		90
Wet Bulb	6157805	135247	43.1	10.181	3136		12.6	.4				90
Dew Point	4326870	110048	35.1	12.180	3136	.1	40.1					90

USAFETAC FORM 20. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) NOV (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	12 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.0												1	1		
74/ 73				.0		.1												4	4		
72/ 71				.0	.1	.1		.0										8	8		
70/ 69			.1	.3	.2	.1	.1	.0										24	24		
68/ 67		.1	.3	.3	.2	.3	.3		.1									51	51	2	
66/ 65		.2	.2	.4	.4	.1	.1	.0	.1									48	48	17	3
64/ 63	.0	.4	.7	.5	.3	.3	.2	.1			.0							81	81	36	21
62/ 61	.1	.7	.4	.4	.4	.3	.2	.2		.0								83	83	45	28
60/ 59	.0	.4	.4	.4	.5	.5	.3	.1	.0	.0								82	82	76	39
58/ 57	.2	.6	.8	.7	.6	.5	.2	.1	.1									114	114	64	71
56/ 55	.1	.5	1.3	.8	.7	.5	.4											134	134	76	50
54/ 53	.0	.5	1.1	1.3	1.1	.6	.3	.1										160	160	74	47
52/ 51	.2	1.3	1.0	1.4	1.0	.7	.2											179	179	123	64
50/ 49	.1	.9	1.6	1.5	1.3	.5	.1											187	187	154	91
48/ 47	.2	1.1	1.9	1.9	1.2	.4	.1											211	211	162	117
46/ 45	.1	1.0	1.8	2.3	1.1	.3												206	206	205	109
44/ 43	.2	.8	2.0	1.7	1.1	.1	.0											184	184	211	125
42/ 41	.2	1.1	3.2	2.4	1.0	.1												251	251	230	156
40/ 39		1.0	2.9	2.6	.4													213	213	218	179
38/ 37	.1	1.8	2.4	1.9	.3													206	206	250	148
36/ 35	.1	1.8	2.9	1.4	.2													197	197	281	202
34/ 33	.2	1.7	1.8	.5	.1													135	135	237	214
32/ 31	.4	1.4	1.6	.4	.0													117	117	219	270
30/ 29	.2	1.0	1.2	.5	.0													91	91	152	262
28/ 27	.0	1.1	.8	.1														62	62	93	200
26/ 25		.5	.4															29	29	75	192
24/ 23		.4	.4															24	24	53	147
22/ 21		.3	.2															17	17	20	107
20/ 19		.3	.2															16	16	24	65
18/ 17	.0	.2	.1	.1														12	12	17	58
16/ 15	.0	.0																2	2	10	49
14/ 13		.0																1	1	6	39
12/ 11		.0																1	1		28
10/ 9	.1																	2	2	3	12

Element (Y)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | NOV MONTH

 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					16
6/ 5	.1																	3	3	3	13
4/ 3																					5
2/ 1																					3
0/ -1																					3
-2/ -3																					1
-6/ -7																					2
TOTAL	2.6	21.2	31.6	23.6	12.1	5.4	2.4	.7	.2	.1	.0								3136		3136
																		3136		3136	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	< 80 F	< 93 F	Total
Rel. Hum.	1547359	214873	68.5	15.476	3136							
Dry Bulb	6732086	141188	45.0	10.945	3136		10.8	2.5	.1			90
Wet Bulb	5452283	126901	40.5	10.058	3136		19.4	.1				90
Dew Point	4201624	108700	34.7	11.764	3136	.2	42.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — NOV MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1												3	3		
70/ 69			.1		.1													4	4		
68/ 67		.0	.1	.2	.3	.0	.0											20	20		
66/ 65		.4	.4	.2	.2	.2	.0	.0										46	46	7	1
64/ 63	.1	.4	.8	.4	.1	.1	.1											58	58	22	16
62/ 61	.1	.6	.4	.4	.3	.2	.2	.1										71	71	42	21
60/ 59	.1	.7	.2	.4	.3	.2	.0											63	63	63	36
58/ 57	.2	.7	.4	.4	.4	.2	.1											78	78	55	68
56/ 55	.1	.7	.5	.9	.5	.4	.1	.1										104	104	65	30
54/ 53	.2	.9	1.0	.7	.5	.4	.1	.1										125	125	64	67
52/ 51	.2	1.1	1.2	1.1	.5	.4	.1	.0										147	150	96	55
50/ 49	.1	1.2	1.6	1.1	.6	.3	.1											156	156	124	67
48/ 47	.2	1.1	2.4	1.7	.8	.2												200	201	138	90
46/ 45	.2	1.9	1.8	1.5	.6	.0												187	190	188	123
44/ 43	.4	1.5	2.2	1.3	.6	.0												191	191	190	132
42/ 41	.2	1.6	2.1	2.1	.3	.0												196	197	210	167
40/ 39	.1	1.9	3.7	2.0	.2	.1												247	247	209	160
38/ 37	.2	2.3	2.9	1.9	.2													231	231	217	163
36/ 35	.1	3.1	3.2	1.4	.0													246	246	282	168
34/ 33	.2	2.3	3.4	.4	.1													200	202	244	212
32/ 31	.3	2.5	2.1	.?	.1													163	163	262	275
30/ 29	.3	2.2	1.2	.4														129	129	224	258
28/ 27	.4	1.8	.6	.2														91	91	158	199
26/ 25	.1	1.4	.9	.0														73	73	88	232
24/ 23		.8	.2															31	31	61	169
22/ 21		.2	.2															12	12	48	103
20/ 19	.0	.5	.2															22	22	17	88
18/ 17	.1	.4	.2															21	21	23	53
16/ 15		.1	.0															4	4	13	48
14/ 13		.2																7	7	11	38
12/ 11		.1																2	2	6	27
10/ 9																				1	18
8/ 7																					18
6/ 5		.1																2	2		13

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINUIS/BELLEVILLE (STATION NAME) '-72 (YEARS) NOV (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3	.0																	1	1	3	4
2/ 1																					4
0/ -1																					5
-2/ -3																					3
TOTAL	3.6	32.7	34.0	19.0	6.7	2.9	.8	.3										3131	3141	3131	3131

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17445494	229474	73.3	14.155	3131							
Dry Bulb	5993873	132981	42.3	10.764	3141		16.0	.8	.1			90
Wet Bulb	5017442	121270	38.7	10.118	3131		26.3					90
Dew Point	4028060	106270	33.9	11.599	3131	.2	44.7					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.2	.0														6	6		
66/ 65		.1		.1				.0										5	5	1	
64/ 63		.1	.0	.1														6	6	8	1
62/ 61		.0	.0	.2														8	8	2	6
60/ 59	.1	.2	.1	.1			.0	.0										15	15	6	7
58/ 57	.1	.2	.3	.1	.0	.1	.0											26	26	13	8
56/ 55	.1	.6	.3	.0	.1			.1										37	37	26	12
54/ 53	.1	.5	.4	.0	.1	.1	.1											43	43	35	28
52/ 51	.2	.7	.3	.2	.2	.0												54	54	36	40
50/ 49	.4	.9	.5	.3	.1	.0												70	70	55	51
48/ 47	.0	.9	.5	.4	.2		.0											69	69	45	32
46/ 45	.2	1.0	.6	.6	.2		.1											88	88	65	43
44/ 43	.2	1.1	1.0	.6	.2													102	102	90	47
42/ 41	.5	1.3	1.9	.5	.2													141	141	90	80
40/ 39	.3	1.8	2.3	1.0	.0													178	178	136	66
38/ 37	.6	2.5	2.0	1.0	.1													196	196	163	110
36/ 35	.3	4.2	2.7	.6														252	252	216	139
34/ 33	.8	4.8	3.6	.4														311	311	274	169
32/ 31	.5	4.3	2.3	.2	.1													239	239	303	249
30/ 29	.5	5.9	2.7	.2														299	299	270	249
28/ 27	.8	4.2	1.7	.0														219	220	329	202
26/ 25	.8	4.2	1.1															195	195	217	252
24/ 23	.4	4.0	1.0															177	177	206	281
22/ 21	.4	2.3	.6															105	105	155	217
20/ 19	.2	1.8	.2															71	71	111	147
18/ 17	.4	1.4	.1															64	64	83	165
16/ 15	.4	1.4	.2															62	62	65	120
14/ 13	.3	1.2	.1															53	53	59	106
12/ 11	.2	1.2																44	44	57	94
10/ 9	.2	1.1																39	39	41	61
8/ 7	.1	.4																18	18	26	59
6/ 5	.1	.5																18	18	20	41
4/ 3	.0	.3																11	11	13	48
2/ 1		.2																8	8	11	24

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — DEC MONTH

 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1	.0	.1																4	4	3	24
-2/ -3	.0	.1																4	4	6	10
-4/ -5	.0																	1	1	2	23
-6/ -7																					8
-8/ -9																					5
-10/-11																					6
-12/-13																					8
TOTAL	9.2	55.4	26.6	6.6	1.6	.2	.2	.1											3239		3238
																		3238		3238	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	19878407	250415	77.3	12.579	3238							
Dry Bulb	3810789	105093	32.4	11.127	3239	.3	46.9	.2				93
Wet Bulb	3321144	97868	30.2	10.591	3238	.3	56.8					93
Dew Point	2650711	83805	25.9	12.199	3238	2.4	68.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SER ICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≤ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65		.1	.0	.1														7	7		
64/ 63		.0	.0	.0														3	3	4	
62/ 61		.1	.1	.2														13	13	2	5
60/ 59	.0	.2	.3	.0														18	18	8	6
58/ 57	.2	.3		.0														17	17	24	12
56/ 55	.1	.3	.1		.0	.1												19	19	24	15
54/ 53	.1	.4	.4	.0	.2	.1												39	39	14	31
52/ 51	.1	.6	.3	.2	.1	.2	.0											53	53	29	15
50/ 49	.5	1.0	.2	.1														58	58	50	46
48/ 47	.1	.8	.4	.2	.0	.1												56	56	48	44
46/ 45	.4	.6	.5	.4	.1													62	62	61	37
44/ 43	.4	1.0	.7	.7		.1	.0											95	95	65	46
42/ 41	.5	1.8	1.6	.1		.0												130	130	82	57
40/ 39	.2	1.9	1.8	.7														151	151	124	75
38/ 37	.4	2.7	2.2	.7	.1													198	198	143	104
36/ 35	.4	3.9	1.9	.6	.0													219	219	199	120
34/ 33	.8	5.4	2.9	.4														306	306	252	184
32/ 31	.7	5.4	2.4	.2														283	283	279	234
30/ 29	1.0	4.5	2.4	.1														258	259	314	228
28/ 27	.9	5.5	1.3	.1														250	250	312	229
26/ 25	1.0	4.7	.9	.0														212	213	250	239
24/ 23	.8	4.3	.7															189	189	211	225
22/ 21	.4	2.4	.4															105	105	168	260
20/ 19	.5	2.3	.4															103	103	111	181
18/ 17	.6	1.8	.2															86	86	103	146
16/ 15	.3	1.6	.1															65	65	74	139
14/ 13	.4	1.2	.2															56	56	68	100
12/ 11	.1	1.1	.0															41	42	52	78
10/ 9	.2	.8																34	34	43	63
8/ 7	.2	1.1																41	41	32	66
6/ 5	.1	.6																23	23	31	56
4/ 3	.2	.3																16	16	23	51
2/ 1	.1	.3																13	13	14	35
0/ -1	.0	.1																4	4	9	36

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ -3		.2																7	7	2	16
-4/ -5		.0																1	1	5	22
-6/ -7																				1	6
-8/ -9																					9
-10/-11																					7
-12/-13																					4
-14/-15																					1
-16/-17																					3
TOTAL	11.8	59.5	22.6	5.0	.5	.6	.1											3231	3234	3231	3231

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	20570336	254756	78.8	12.235	3231							
Dry Bulb	3551299	100885	31.2	11.181	3234	.3	51.5					93
Wet Bulb	3133749	94455	29.2	10.738	3231	.5	60.5					93
Dew Point	2543052	81346	25.2	12.380	3231	3.0	70.1					93

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65		.1																3	3		
64/ 63		.1	.0															4	4	3	
62/ 61		.1	.3	.0														15	15	5	4
60/ 59		.3	.3															20	20	5	6
58/ 57	.0	.4	.1		.0													20	20	26	10
56/ 55	.1	.4	.2	.0	.1	.0												26	26	25	25
54/ 53	.1	.4	.4	.1	.1	.1												37	37	14	26
52/ 51	.1	.4	.2	.1		.2	.0											34	34	33	17
50/ 49	.4	.9	.3	.2	.1													62	63	44	39
48/ 47	.3	.5	.3	.0	.1													41	42	52	50
46/ 45	.2	1.0	.6	.2														66	66	45	36
44/ 43	.3	1.2	.6	.6														90	90	63	37
42/ 41	.2	1.7	1.4	.6	.2													131	131	85	51
40/ 39	.3	1.5	2.1	.2	.1	.0												136	136	98	84
38/ 37	.6	2.8	1.7	.3	.1													181	181	154	96
36/ 35	.5	4.7	1.9	.6	.0													249	249	210	111
34/ 33	.8	4.8	3.2	.6	.0													305	305	230	172
32/ 31	.7	5.3	2.8	.4														298	298	307	229
30/ 29	1.0	5.4	2.1	.2														280	280	304	254
28/ 27	.8	4.9	1.0															216	216	324	193
26/ 25	.9	4.3	.7															192	192	236	254
24/ 23	.5	3.9	.9															170	170	185	237
22/ 21	.6	3.5	.4															143	143	170	227
20/ 19	.4	2.8	.3															112	113	133	177
18/ 17	.3	2.1	.2															87	87	112	166
16/ 15	.4	1.5	.1															62	62	78	133
14/ 13	.4	1.7	.0															67	67	69	135
12/ 11	.2	1.1	.0															44	44	60	84
10/ 9	.2	.7	.0															30	30	35	65
8/ 7	.2	.9																38	38	32	64
6/ 5	.2	.8																32	32	41	43
4/ 3	.2	.3																16	17	25	51
2/ 1	.1	.3																13	14	10	45
0/ -1	.0	.1																3	3	10	32

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — DEC MONTH

PAGE 2 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3		.1																4	4		17
-4/ -5	.1	.1																6	6	9	24
-6/ -7	.0																	1	1	2	15
-8/ -9																					9
-10/-11																					3
-12/-13																					6
-14/-15																					3
-16/-17																					2
-18/-19																					1
TOTAL	11.2	61.1	22.4	4.2	.8	.3	.0												3240		3233
																		3234		3234	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	20507076	254528	78.7	12.118	3234							
Dry Bulb	3503404	100074	30.9	11.284	3240	.4	52.2					93
Wet Bulb	3095254	93710	29.0	10.840	3234	.6	61.6					93
Dew Point	2504624	80340	24.8	12.539	3233	3.2	71.0					93

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE, MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — DEC MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			.0	.0		.0												3	3		
70/ 69				.0	.0													2	2		
68/ 67			.0	.1														5	5	1	
66/ 65		.0	.1	.2	.0													11	11	1	1
64/ 63		.1	.2	.1	.0	.1	.0	.1										18	18	7	3
62/ 61		.2	.4	.1	.1	.1												30	30	13	7
60/ 59		.5	.2	.1	.2	.0	.1	.0										37	37	20	7
58/ 57	.0	.3	.2	.1	.1	.2	.1											36	36	32	29
56/ 55	.1	.5	.2	.2	.2	.3	.1											52	53	24	30
54/ 53	.1	.5	.3	.2	.5	.2	.1											63	65	40	24
52/ 51	.2	.6	.2	.4	.6	.2												74	74	42	31
50/ 49	.2	.7	.6	.7	.5	.2	.1											96	96	60	46
48/ 47	.1	.9	.8	.9	.8	.2												121	122	61	38
46/ 45	.1	.9	.8	1.2	.5	.0												119	119	95	42
44/ 43	.1	1.0	1.1	1.4	.5	.0												137	137	123	58
42/ 41	.2	.9	1.5	1.2	.7													144	144	126	70
40/ 39	.3	1.8	2.9	1.9	.6	.0												242	242	160	101
38/ 37	.6	3.3	2.8	1.7	.4													283	283	211	140
36/ 35	.4	2.7	2.7	1.5	.3													247	247	291	148
34/ 33	.5	3.8	3.2	1.1	.1													281	281	255	182
32/ 31	.5	2.8	2.7	.6	.1													217	217	327	281
30/ 29	.2	2.9	2.9	.4	.0													207	207	244	245
28/ 27	.2	2.6	2.1	.2														165	166	236	204
26/ 25	.1	2.7	1.9	.1														153	153	202	222
24/ 23	.1	2.4	1.1	.1														122	122	148	213
22/ 21	.0	1.6	.8	.1														82	82	123	202
20/ 19	.0	1.3	.9															73	73	98	162
18/ 17	.1	1.2	.4															57	57	75	145
16/ 15	.0	.9	.2															37	37	67	120
14/ 13	.1	.8																28	28	35	104
12/ 11	.1	.6	.0															22	22	33	72
10/ 9	.1	.8	.0															30	30	27	61
8/ 7	.0	.4																15	15	25	50
6/ 5		.5																15	15	15	40

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | DEC MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3	.0	.2																7	7	11	42
2/ 1		.1																3	3	4	32
0/ -1	.0	.1																3	3	5	28
-2/ -3		.1																2	2	3	15
-4/ -5																					15
-6/ -7																					15
-8/ -9																					4
-10/-11																					4
-12/-13																					3
-14/-15																					3
TOTAL	4.4	40.6	31.7	14.9	6.3	1.6	.5	.1										3239	3244	3240	3240

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17246916	231554	71.5	14.632	3239							
Dry Bulb	4537797	115383	35.6	11.566	3244	.1	35.5	.3				93
Wet Bulb	3771212	104882	32.4	10.775	3240	.2	48.2	.0				93
Dew Point	2844247	86803	26.8	12.655	3240	2.5	65.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | DEC MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75						.0		.0										2	2		
74/ 73				.0	.0	.0				.0		.0						5	5		
72/ 71			.1		.0	.1		.0										8	8		
70/ 69				.0	.2	.1		.1										10	10		
68/ 67			.1	.1	.3	.1			.1	.0								21	21	4	2
66/ 65			.1	.2	.1	.2		.1	.2									25	25	2	
64/ 63	.0	.2	.3	.2	.1	.2	.3	.2	.1									51	51	11	4
62/ 61		.2	.2	.1	.2	.2	.4	.2	.1	.0								54	54	27	9
60/ 59		.3	.2	.1	.5	.5	.5	.2	.2									77	77	31	11
58/ 57		.6	.2	.3	.6	.7	.4	.2										93	93	25	39
56/ 55		.5	.2	.4	.8	.5	.6	.1										99	99	42	23
54/ 53		.5	.6	.5	.6	1.1	.2	.1										115	115	45	35
52/ 51	.1	.5	.7	.6	.9	.5	.3											116	116	84	35
50/ 49	.1	.4	.3	.7	1.3	1.0	.1											123	123	110	33
48/ 47	.1	.6	.6	.9	1.0	.5	.0											121	121	121	54
46/ 45	.1	.5	.3	1.5	1.2	.6	.0											136	136	127	61
44/ 43	.0	.6	1.1	1.6	1.3	.4	.1											168	168	151	77
42/ 41	.3	1.2	1.1	1.7	1.1	.4												190	190	138	87
40/ 39	.2	1.6	2.4	2.1	1.4	.2												256	256	210	102
38/ 37	.3	2.1	1.9	2.1	.5	.1												228	228	242	144
36/ 35	.4	1.9	2.3	1.7	.4													215	215	271	168
34/ 33	.2	2.9	2.9	1.3	.5													254	254	245	185
32/ 31	.4	1.6	2.7	1.2	.1													193	193	316	270
30/ 29	.1	2.1	2.1	1.0	.1													171	173	216	265
28/ 27	.1	1.7	1.7	.5														130	130	208	190
26/ 25	.2	1.3	1.2	.4														99	99	168	236
24/ 23	.0	.8	1.1	.2														67	67	120	214
22/ 21		.5	1.3	.2														64	64	72	193
20/ 19	.1	.3	.5															31	32	68	127
18/ 17	.0	.5	.3															27	28	59	135
16/ 15		.3	.2															18	18	31	109
14/ 13	.0	.5	.3															25	25	22	74
12/ 11	.1	.4	.0															16	16	28	90
10/ 9		.4																12	12	16	49

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
8/ 7		.3																	10	10	11	37
6/ 5		.1																	4	4	9	42
4/ 3		.1																	2	2	4	44
2/ 1																					2	27
0/ -1																						26
-2/ -3																						11
-4/ -5																						13
-6/ -7																						4
-8/ -9																						6
-10/-11																						2
-12/-13																						3
TOTAL	2.8	25.3	26.9	19.7	13.1	7.3	3.0	1.3	.6	.1		.0								3240		3236
																			3236		3236	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14324391	207953	64.3	17.234	3236							
Dry Bulb	5650270	129414	39.9	12.188	3240		25.1	1.3	.2			93
Wet Bulb	4391815	114087	35.3	10.689	3236		38.8	.1				93
Dew Point	3050737	90565	28.0	12.631	3236	1.9	62.3	.1				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION — SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME — 38-72 YEARS — DEC MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73								.0	.0									2	2		
72/ 71				.0		.1					.0							4	4		
70/ 69			.1	.1	.0	.0		.0	.1									10	10		
68/ 67			.2	.1	.2	.0			.0	.1								16	16		
66/ 65		.0	.0	.1	.1	.1		.1	.1									15	15	6	
64/ 63	.0	.1	.2	.3	.1	.2	.2	.2	.1									42	42	9	8
62/ 61	.0		.2	.2	.1	.2	.2	.2	.0									41	41	13	3
60/ 59		.2	.5	.2	.2	.2	.3	.1										52	52	17	10
58/ 57	.0	.6	.3	.1	.6	.4	.2	.2										81	81	31	12
56/ 55		.5	.3	.6	.4	.4	.4	.1										88	88	53	40
54/ 53		.4	.5	.8	.7	.6	.4											110	110	42	33
52/ 51	.1	.7	.8	.6	.8	.5	.2	.1										120	120	64	38
50/ 49	.1	.6	.6	1.0	1.1		.0	.0										133	133	105	44
48/ 47	.1	.4	.7	1.0	1.1	.4												119	119	126	57
46/ 45	.3	.9	.7	1.6	1.0	.3	.1											155	155	122	75
44/ 43	.1	.7	1.3	1.5	.9	.3												157	157	141	64
42/ 41	.2	.6	1.5	1.8	.9	.3												174	174	153	92
40/ 39	.3	1.6	2.8	1.6	1.3	.2												256	256	198	119
38/ 37	.3	2.0	2.7	2.1	.4	.1												251	251	246	135
36/ 35	.5	1.9	2.7	1.2	.4	.0												221	221	264	164
34/ 33	.3	2.7	2.9	1.2	.2													241	241	256	178
32/ 31	.4	2.6	2.2	1.8	.1													228	228	284	277
30/ 29	.2	2.6	2.9	1.5	.0													221	221	240	263
28/ 27	.1	1.5	2.0	.4														130	130	218	223
26/ 25	.1	1.6	1.0	.3														97	97	224	214
24/ 23		.8	1.0	.1														64	64	122	219
22/ 21	.1	.5	1.0															49	49	61	155
20/ 19	.1	.6	.7	.0														44	44	61	130
18/ 17	.0	.6	.5															36	36	54	149
16/ 15	.0	.6	.3															32	32	50	128
14/ 13		.2	.1															12	12	24	88
12/ 11	.0	.4	.0															16	16	18	72
10/ 9		.4																12	12	18	52
8/ 7		.4																12	12	12	43

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5		.1																3	3	9	44
4/ 3		.1																2	2	4	34
2/ 1																				1	26
0/ -1																					11
-2/ -3																					15
-4/ -5																					15
-6/ -7																					7
-8/ -9																					5
-10/-11																					1
-12/-13																					3
TOTAL	3.5	27.0	31.0	19.5	10.6	4.9	2.0	1.1	.3	.1	.0							3246	3246	3246	3246
																		3246		3246	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15220120	215534	66.4	16.734	3246							
Dry Bulb	5992615	126771	39.1	11.666	3246		27.4	.9	.1			93
Wet Bulb	4285739	112979	34.8	10.436	3246		40.1					93
Dew Point	3055780	91064	28.1	12.426	3246	1.6	62.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | DEC MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.0	.1	.1													5	5		
66/ 65		.0	.1	.1						.0								7	7		
64/ 63		.2	.1	.2	.0			.0		.0								19	19	7	
62/ 61	.1	.1	.2	.2	.0			.0										17	17	9	9
60/ 59		.3	.2	.1		.0	.0	.0	.0									24	24	16	9
58/ 57		.2	.5	.0	.1	.1	.0		.0									32	32	18	10
56/ 55	.0	.4	.2	.2	.1	.2	.0											40	40	28	17
54/ 53	.0	.6	.5	.5	.4	.2	.1											72	72	32	27
52/ 51	.3	.5	.5	.8	.3	.2	.1											88	88	45	42
50/ 49	.4	.9	1.1	.8	.4	.2												120	120	68	55
48/ 47	.1	.6	1.1	.7	.5	.2												108	108	73	37
46/ 45	.2	.9	1.3	1.1	.3	.1												124	124	124	46
44/ 43	.2	1.1	1.5	1.5	.3	.1												154	154	102	71
42/ 41	.3	1.1	1.6	1.5	.4	.0												157	157	148	93
40/ 39	.2	1.6	2.6	1.7	.2	.0												204	204	148	116
38/ 37	.5	2.2	3.5	.8	.1	.0												234	234	221	119
36/ 35	.4	3.3	3.5	1.4	.2													283	283	243	154
34/ 33	.3	3.2	3.2	.9	.1													248	248	269	191
32/ 31	.7	3.3	3.9	.5	.0	.0												275	275	300	239
30/ 29	.5	3.4	3.3	.7														253	253	261	279
28/ 27	.2	3.3	2.7	.2														210	210	276	213
26/ 25	.2	3.1	1.4	.1														152	152	235	238
24/ 23	.1	2.0	.6	.1														90	90	190	213
22/ 21	.0	1.5	.6															67	67	105	178
20/ 19	.1	.8	.3															38	38	56	159
18/ 17	.0	1.2	.6															58	58	50	177
16/ 15	.1	1.3	.2															53	53	61	111
14/ 13	.0	.7	.1															26	26	52	106
12/ 11		.7																23	23	24	65
10/ 9	.1	.5																19	19	31	41
8/ 7		.5																15	15	11	55
6/ 5		.2																5	5	14	31
4/ 3		.2																7	7	7	41
2/ 1		.1																2	2	4	29

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1		.0																1	1	1	17
-2/ -3		.1																2	2	3	9
-4/ -5																					14
-6/ -7																					9
-8/ -9																					4
-10/-11																					2
-12/-13																					2
-14/-15																					2
-16/-17																					1
TOTAL	5.1	40.3	35.5	13.9	3.5	1.3	.2	.1	.1	.1									3232		3231
																		3232		3232	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17765287	235243	72.8	14.107	3232							
Dry Bulb	4476680	114962	35.6	10.951	3232	.1	37.3	.1				93
Wet Bulb	3767707	105213	32.6	10.298	3232	.1	48.4					93
Dew Point	2883135	88187	27.3	12.142	3231	1.7	64.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF IF 5 FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 STATION | SCOTT AFB ILLINOIS/BELLEVILLE STATION NAME | 38-72 YEARS | DEC MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67			.0		.0													2	2		
66/ 65		.1	.1	.1														9	9	1	
64/ 63	.0	.2	.2	.0	.0			.0										14	14	5	4
62/ 61		.0	.1	.1	.0													8	8	12	5
60/ 59		.2	.2	.0	.0	.0	.0	.0										17	17	7	5
58/ 57		.2	.4	.0		.1	.1		.0									28	28	8	11
56/ 55	.0	.5	.3	.2	.1	.1	.0	.0										40	40	30	10
54/ 53	.1	.5	.6	.2	.2	.1		.0										57	57	32	29
52/ 51	.2	.6	.4	.4	.2	.1												61	61	39	40
50/ 49	.5	.5	.8	.3	.2	.0	.1											77	77	60	48
48/ 47	.1	.7	.7	.6	.3	.1												75	75	45	33
46/ 45	.2	1.3	.9	1.1	.2	.0												121	121	99	50
44/ 43	.3	1.2	1.2	1.1	.2													127	127	96	58
42/ 41	.2	1.7	1.7	1.0	.1													155	155	107	97
40/ 39	.4	1.6	2.8	1.0	.2													192	192	160	83
38/ 37	.7	2.4	2.1	1.2		.1												211	211	193	123
36/ 35	.4	3.0	3.7	.8	.1													258	258	215	132
34/ 33	.7	4.7	3.2	.4	.0													292	292	256	185
32/ 31	.4	3.5	3.7	.4														256	256	313	219
30/ 29	.6	4.6	2.5	.3														262	262	273	282
28/ 27	.4	4.0	1.9	.1														203	203	304	204
26/ 25	.6	4.1	1.8	.0														211	211	225	255
24/ 23	.3	3.1	.8	.0														135	135	197	257
22/ 21	.2	1.8	.3															82	82	142	210
20/ 19	.2	1.7	.2															70	70	86	161
18/ 17	.1	1.2	.3															53	54	66	138
16/ 15	.2	1.3	.4															64	64	60	112
14/ 13	.2	1.1	.0															41	41	58	108
12/ 11	.2	1.0	.0															38	38	51	75
10/ 9	.1	.5																19	19	29	54
8/ 7	.1	.5																20	20	18	62
6/ 5		.4																14	14	18	40
4/ 3		.1																4	4	9	34
2/ 1		.1																4	4	5	41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. dum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS) DEC (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1		.2																5	5	2	13
-2/ -3		.1																3	3	6	12
-4/ -5		.1																2	2	2	18
-6/ -7																				1	4
-8/ -9																					4
-10/-11																					4
-12/-13																					5
-14/-15																					3
-16/-17																					1
-18/-19																					1
TOTAL	7.5	48.8	31.6	9.3	1.9	.5	.2	.1	.0									3230	3231	3230	3230

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19076934	244500	75.7	13.276	3230							
Dry Bulb	4063593	108875	33.7	11.056	3231	.3	42.8	.1				93
Wet Bulb	3495255	100739	31.2	10.461	3230	.3	53.7					93
Dew Point	2751641	85699	26.5	12.165	3230	1.9	66.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 68-72 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	28.2	31.8	39.3	50.8	59.0	68.1	71.3	69.7	62.5	52.3	40.9	32.4	50.7
	S D	12.633	10.527	11.323	9.880	7.953	6.498	5.486	6.034	8.475	9.418	10.766	11.127	17.736
	TOTAL OBS	3125	2864	3242	3129	3235	3096	3234	3246	3139	3246	3136	3239	37931
03-05	MEAN	27.0	30.3	37.4	48.6	56.8	66.0	69.1	67.5	60.3	50.2	39.3	31.2	48.8
	S D	12.920	10.632	11.111	9.815	8.103	6.579	5.638	6.226	8.612	9.700	10.784	11.181	17.498
	TOTAL OBS	3141	2865	3245	3133	3242	3098	3234	3242	3143	3245	3143	3234	37965
06-08	MEAN	26.5	30.0	38.0	50.8	61.2	71.1	73.8	71.1	63.0	51.8	39.4	30.9	50.8
	S D	13.038	10.727	11.221	10.062	8.483	7.194	6.026	6.764	8.831	9.855	10.817	11.284	19.243
	TOTAL OBS	3145	2864	3241	3131	3235	3092	3232	3245	3143	3241	3139	3240	37948
09-11	MEAN	30.8	35.3	44.6	58.4	69.0	78.8	82.1	80.3	73.5	62.7	46.3	35.6	58.3
	S D	13.012	11.339	12.422	11.198	9.337	7.902	6.351	6.888	9.152	10.203	11.372	11.566	20.847
	TOTAL OBS	3130	2861	3243	3132	3232	3104	3230	3253	3135	3235	3134	3244	37933
12-14	MEAN	35.5	40.3	49.6	62.9		82.6	86.0	84.8	78.4	68.2	51.1	39.9	62.9
	S D	13.326	12.223	13.401	11.954	9.	.068	5.557	7.048	9.418	10.935	12.354	12.188	20.942
	TOTAL OBS	3138	2859	3245	3130	32--	3098	3234	3247	3141	3243	3139	3240	37946
15-17	MEAN	35.3	40.7	50.2	63.2	73.2	82.4	86.1	84.5	77.8	66.8	49.9	39.1	62.6
	S D	12.943	11.955	13.341	11.772	9.563	8.013	6.401	6.972	9.175	10.629	11.981	11.666	20.837
	TOTAL OBS	3144	2860	3240	3128	3234	3096	3244	3246	3145	3245	3137	3246	37965
18-20	MEAN	31.9	36.4	45.7	58.3	67.9	77.2	80.6	78.2	70.1	59.3	45.0	35.6	57.4
	S D	12.184	10.688	12.073	10.514	8.647	7.383	5.963	6.461	8.579	9.424	10.945	10.951	19.593
	TOTAL OBS	3139	2857	3240	3118	3239	3104	3230	3250	3137	3244	3136	3239	37926
21-23	MEAN	29.7	33.7	42.1	53.9	62.5	71.4	74.5	72.6	65.2	55.0	42.3	33.7	53.2
	S D	12.300	10.428	11.495	9.898	7.867	6.542	5.450	5.962	8.399	9.342	10.764	11.056	18.234
	TOTAL OBS	3140	2862	3241	3124	3234	3098	3235	3249	3147	3248	3141	3231	37950
ALL HOURS	MEAN	30.6	34.8	43.4	55.9	65.3	74.7	77.9	76.1	68.9	58.3	44.3	34.8	55.6
	S D	13.202	11.750	12.961	11.904	10.538	9.458	8.612	9.120	11.069	11.938	12.028	11.818	20.085
	TOTAL OBS	25102	22892	25937	25025	25885	24786	25873	25978	25130	25947	25105	25906	303566

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 66-72 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	26.3	29.5	36.2	46.7	55.4	64.4	67.6	66.2	59.2	48.8	37.8	30.2	47.5
	S D	12.179	10.137	10.580	9.480	7.742	6.230	5.483	5.943	8.291	9.305	10.259	10.591	17.104
	TOTAL OBS	3123	2859	3239	3129	3235	3091	3224	3240	3139	3247	3130	3238	37894
03-05	MEAN	25.3	28.4	34.9	45.2	54.0	63.2	66.2	64.9	57.7	47.4	36.7	29.2	46.2
	S D	12.520	10.324	10.581	9.602	8.111	6.492	5.734	6.200	8.527	9.611	10.329	10.738	17.108
	TOTAL OBS	3137	2857	3242	3133	3242	3083	3223	3236	3143	3242	3136	3231	37905
06-08	MEAN	24.9	28.1	35.2	46.6	56.5	65.8	68.7	66.8	59.3	48.4	36.7	29.0	47.3
	S D	12.639	10.421	10.672	9.637	8.014	6.370	5.405	6.046	8.395	9.570	10.370	10.840	17.995
	TOTAL OBS	3140	2856	3238	3131	3235	3088	3228	3243	3143	3236	3131	3234	37903
09-11	MEAN	28.1	31.8	39.5	50.8	60.2	68.6	71.6	70.5	64.0	54.3	41.2	32.4	51.3
	S D	12.323	10.462	10.892	9.685	7.869	6.224	5.152	5.480	7.690	8.816	10.267	10.775	17.844
	TOTAL OBS	3129	2859	3243	3132	3233	3104	3228	3253	3136	3234	3128	3240	37919
12-14	MEAN	31.4	35.2	42.3	52.9	61.8	69.7	72.4	71.5	65.4	56.5	43.9	35.3	53.3
	S D	11.993	10.497	10.897	9.513	7.574	6.014	5.066	5.365	7.451	8.640	10.312	10.689	17.034
	TOTAL OBS	3137	2858	3245	3130	3234	3098	3232	3247	3141	3243	3136	3236	37937
15-17	MEAN	31.3	35.5	42.7	53.1	61.8	69.6	72.3	71.3	65.1	55.9	43.1	34.8	53.2
	S D	11.666	10.215	10.811	9.350	7.389	5.802	5.050	5.275	7.337	8.628	10.181	10.436	16.926
	TOTAL OBS	3143	2856	3240	3128	3234	3095	3241	3246	3146	3245	3136	3246	37956
18-20	MEAN	29.1	32.9	40.5	51.1	60.1	68.3	71.3	70.1	63.0	52.9	40.5	32.6	51.2
	S D	11.562	9.899	10.663	9.174	7.399	5.795	5.075	5.380	7.676	8.784	10.058	10.298	17.266
	TOTAL OBS	3139	2854	3240	3118	3239	3104	3227	3251	3137	3244	3136	3232	37921
21-23	MEAN	27.4	30.9	38.3	48.8	57.7	66.3	69.3	67.9	60.7	50.5	38.7	31.2	49.2
	S D	11.790	9.933	10.596	9.225	7.477	5.931	5.244	5.654	8.085	9.091	10.118	10.461	17.175
	TOTAL OBS	3139	2859	3239	3124	3234	3098	3234	3247	3147	3247	3131	3230	37929
ALL HOURS	MEAN	28.0	31.6	38.7	49.4	58.4	67.0	69.9	68.7	61.8	51.8	39.8	31.8	49.9
	S D	12.313	10.577	11.092	9.870	8.183	6.518	5.703	6.151	8.411	9.649	10.562	10.833	17.498
	TOTAL OBS	25087	22855	25926	25025	25886	24761	25837	25963	25132	25938	25064	25887	303364

USAFETAC FORM JUL 64 0 89-5 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	21.3	24.9	31.9	42.6	52.7	62.4	65.6	64.4	57.0	45.5	33.6	25.9	44.2
	S D	14.537	12.272	11.877	10.859	8.656	6.883	6.233	6.501	8.999	10.595	11.691	12.199	18.743
	TOTAL OBS	3122	2860	3237	3129	3236	3092	3224	3240	3139	3246	3130	3238	37891
03-05	MEAN	20.6	24.1	31.0	41.6	51.8	61.6	64.7	63.4	55.9	44.6	32.9	25.2	43.3
	S D	14.857	12.393	11.859	10.882	8.952	7.060	6.333	6.652	9.085	10.683	11.667	12.380	18.744
	TOTAL OBS	3135	2857	3242	3133	3242	3083	3224	3236	3143	3241	3136	3231	37903
06-08	MEAN	20.3	23.8	31.0	42.2	53.1	62.9	66.0	64.5	56.8	45.1	32.9	24.8	43.8
	S D	14.895	12.479	12.148	11.157	9.184	7.195	6.227	6.522	9.142	10.690	11.771	12.539	19.316
	TOTAL OBS	3137	2856	3238	3131	3235	3088	3228	3242	3142	3236	3131	3233	37897
09-11	MEAN	22.0	25.5	32.6	43.6	54.0	63.3	66.5	65.7	58.2	47.2	34.9	26.8	45.2
	S D	14.987	12.833	12.614	11.775	9.708	7.717	6.906	6.791	9.653	11.136	12.121	12.655	19.211
	TOTAL OBS	3129	2859	3243	3132	3233	3104	3228	3252	3136	3234	3128	3240	37918
12-14	MEAN	23.6	26.9	33.5	44.0	54.3	63.1	65.8	65.1	57.4	46.8	35.4	28.0	45.5
	S D	14.631	12.956	12.674	11.886	9.765	7.915	7.270	7.264	10.165	11.650	12.321	12.631	18.672
	TOTAL OBS	3136	2858	3246	3133	3234	3098	3232	3247	3141	3242	3136	3236	37939
15-17	MEAN	23.8	27.2	33.7	44.1	54.2	62.9	65.7	64.8	57.3	46.7	35.1	28.1	45.5
	S D	14.337	12.779	12.726	11.927	9.700	7.760	7.425	7.367	10.149	11.668	12.180	12.426	18.535
	TOTAL OBS	3143	2856	3240	3130	3234	3095	3241	3246	3146	3243	3136	3246	37958
18-20	MEAN	23.1	26.6	33.8	44.3	54.8	63.7	66.8	66.1	58.5	47.2	34.7	27.3	45.8
	S D	14.093	12.306	12.336	11.372	9.138	7.168	6.782	6.626	9.234	10.828	11.764	12.142	18.768
	TOTAL OBS	3137	2854	3240	3119	3239	3104	3227	3250	3137	3244	3136	3231	37918
21-23	MEAN	22.2	25.7	33.1	43.9	54.2	63.6	66.6	65.5	57.7	46.4	33.9	26.5	45.2
	S D	14.188	12.156	12.020	10.766	8.690	6.687	6.190	6.372	9.061	10.611	11.599	12.165	18.809
	TOTAL OBS	3139	2858	3239	3126	3234	3100	3234	3247	3149	3247	3131	3230	37934
ALL HOURS	MEAN	22.1	25.6	32.6	43.3	53.6	62.9	66.0	64.9	57.4	46.2	34.2	26.6	44.8
	S D	14.619	12.580	12.333	11.374	9.281	7.338	6.717	6.916	9.477	11.029	11.926	12.443	18.873
	TOTAL OBS	25078	22858	25925	25033	25885	24764	25838	25960	25133	25935	25064	25885	303358

USAFETAC FORM JUL 64 0 89-5 (OL-I)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.5	97.3	89.3	75.1	55.6	33.7	12.6	71.9	25075
FEB		100.0	99.9	98.9	94.9	86.4	72.9	53.7	32.9	13.3	70.8	22857
MAR		100.0	99.9	98.3	92.3	81.7	66.7	47.0	28.5	10.9	68.1	25926
APR		100.0	99.7	97.1	88.6	76.3	61.0	43.2	25.0	8.8	65.6	25026
MAY		100.0	100.0	98.7	92.0	80.6	66.8	49.8	31.1	10.6	68.6	25884
JUN		100.0	100.0	99.0	93.6	82.1	67.9	51.9	33.5	10.7	69.5	24761
JUL		100.0	100.0	99.1	93.3	82.5	68.4	52.0	32.8	9.3	69.3	25837
AUG		100.0	100.0	99.2	95.0	84.5	71.0	56.0	37.3	10.1	71.0	25960
SEP		100.0	99.9	97.6	90.7	80.9	69.1	55.5	37.1	11.7	69.9	25133
OCT		100.0	99.7	96.1	88.2	77.5	65.0	49.8	30.9	11.2	67.5	25937
NOV		100.0	99.8	98.7	94.1	84.6	70.4	51.9	30.9	11.3	69.8	25064
DEC		100.0	100.0	99.7	97.7	91.6	79.3	59.0	35.9	13.7	73.2	25886
TOTALS		100.0	99.9	98.5	93.1	83.2	69.5	52.1	32.5	11.2	69.6	303349

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38,40-72 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.4	96.1	85.9	67.2	40.5	14.4	75.9	3122
	03-05	100.0	100.0	99.9	99.5	96.3	87.2	70.1	44.5	16.5	77.0	3135
	06-08	100.0	100.0	99.9	99.8	97.7	89.2	72.3	45.7	16.6	77.6	3137
	09-11	100.0	100.0	99.7	98.1	89.5	73.0	50.8	29.9	11.0	70.8	3129
	12-14	100.0	100.0	98.6	91.2	74.8	54.2	35.3	21.0	8.5	63.9	3136
	15-17	100.0	99.9	98.4	92.4	76.5	55.3	36.3	22.0	8.5	64.5	3143
	18-20	100.0	100.0	99.7	98.5	90.5	73.8	51.4	28.9	11.9	71.1	3137
	21-23	100.0	100.0	100.0	99.3	94.6	82.4	61.7	37.3	13.3	74.4	3139
TOTALS		100.0	100.0	99.5	97.3	89.5	75.1	55.6	33.7	12.6	71.9	25078

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38;40-72 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	99.4	95.9	87.7	67.7	41.1	15.2	76.2	2858
	03-05	100.0	100.0	100.0	99.5	97.3	90.9	72.5	46.5	16.5	77.9	2857
	06-08	100.0	100.0	100.0	99.5	97.5	90.3	73.6	46.5	19.3	78.2	2856
	09-11	100.0	100.0	99.3	95.6	86.3	68.1	46.1	26.7	12.2	68.9	2859
	12-14	100.0	99.6	96.6	85.5	67.5	48.4	31.7	20.5	9.1	61.4	2858
	15-17	100.0	99.5	95.8	84.7	67.6	47.9	32.2	20.6	9.5	61.2	2856
	18-20	100.0	100.0	99.3	96.0	85.8	68.9	46.9	26.4	11.4	69.0	2854
	21-23	100.0	100.0	99.9	98.8	93.5	81.1	59.1	34.5	13.2	73.5	2859
TOTALS		100.0	99.9	98.9	94.9	86.4	72.9	53.7	32.9	13.3	70.8	22857

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.4	97.3	86.7	64.1	38.8	14.0	75.6	3239
	03-05	100.0	100.0	100.0	99.8	98.5	91.1	73.5	48.0	17.1	78.3	3241
	06-08	100.0	100.0	100.0	99.6	97.3	87.3	67.4	42.9	16.5	76.7	3239
	09-11	100.0	100.0	99.2	93.1	76.5	56.0	35.6	20.8	8.7	64.5	3243
	12-14	100.0	99.5	94.9	78.7	57.5	40.1	24.3	14.5	5.4	56.9	3245
	15-17	100.0	99.6	93.0	74.9	54.9	38.7	24.1	14.7	6.2	56.2	3240
	18-20	100.0	100.0	99.3	93.8	78.7	57.1	35.9	20.1	8.3	64.9	3240
	21-23	100.0	100.0	99.9	98.8	93.1	76.9	50.8	28.2	10.9	71.4	3239
TOTALS		100.0	99.9	98.3	92.3	81.7	66.7	47.0	28.5	10.9	68.1	25926

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.1	94.9	83.5	61.3	36.1	12.2	74.4	3129
	03-05	100.0	100.0	100.0	99.7	96.9	90.0	72.1	45.3	16.5	77.7	3133
	06-08	100.0	100.0	99.9	99.1	93.8	80.7	58.2	34.6	12.3	73.5	3132
	09-11	100.0	99.9	97.8	87.5	67.0	45.7	29.2	15.9	4.8	60.3	3132
	12-14	100.0	99.3	91.7	69.6	48.7	32.7	19.7	10.4	3.5	53.2	3130
	15-17	100.0	99.0	90.2	67.3	47.4	33.7	21.9	11.0	4.8	53.1	3128
	18-20	100.0	99.7	97.6	88.1	70.4	49.2	34.0	18.4	6.6	62.0	3117
	21-23	100.0	100.0	99.8	98.0	90.9	72.1	49.3	28.0	9.3	70.3	3125
TOTALS		100.0	99.7	97.1	88.6	76.3	61.0	43.2	25.0	8.8	65.6	25026

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.8	99.3	94.9	78.1	32.8	19.5	80.2	3234
	03-05	100.0	100.0	100.0	100.0	99.6	98.1	89.0	64.4	27.0	83.7	3242
	06-08	100.0	100.0	100.0	99.8	96.4	86.5	64.8	39.0	13.1	75.6	3235
	09-11	100.0	100.0	99.2	90.7	70.7	47.3	27.4	13.8	4.1	60.9	3232
	12-14	100.0	99.9	95.9	76.3	52.0	32.6	18.8	9.1	2.1	54.3	3234
	15-17	100.0	99.8	95.1	75.5	51.0	32.7	19.0	10.3	3.0	54.0	3234
	18-20	100.0	100.0	99.6	94.0	78.8	56.7	37.3	20.5	4.9	64.7	3239
	21-23	100.0	100.0	99.9	99.6	97.3	85.8	64.2	38.8	11.4	75.3	3234
TOTALS		100.0	100.0	98.7	92.0	80.6	66.8	49.8	31.1	10.6	68.6	25884

USAFETAC FORM JUL 65 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 JUN

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	97.1	87.8	62.8	21.5	82.6	3091
	03-05	100.0	100.0	100.0	100.0	99.9	98.8	93.6	76.7	31.4	86.0	3083
	06-08	100.0	100.0	100.0	99.7	97.6	88.8	69.4	41.6	10.6	76.4	3088
	09-11	100.0	100.0	99.2	92.5	74.5	48.8	24.7	11.1	2.5	60.8	3104
	12-14	100.0	99.9	96.9	81.0	52.9	29.8	14.6	6.8	1.7	54.0	3099
	15-17	100.0	99.9	96.1	79.8	52.3	30.2	16.6	7.7	1.6	54.0	3095
	18-20	100.0	100.0	99.6	95.8	81.3	57.8	36.4	18.0	4.1	64.8	3104
	21-23	100.0	100.0	100.0	99.9	98.8	91.6	72.4	43.0	12.3	77.4	3097
TOTALS		100.0	100.0	99.0	93.6	82.1	67.9	51.9	33.5	10.7	69.5	24761

USAFETAC FORM JUL 54 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	98.0	89.0	64.3	17.9	82.6	3224
	03-05	100.0	100.0	100.0	100.0	99.9	99.2	95.5	78.7	28.7	86.1	3223
	06-08	100.0	100.0	100.0	99.9	98.5	90.6	73.8	45.8	11.0	77.6	3228
	09-11	100.0	100.0	99.5	92.9	75.7	50.3	24.7	9.4	2.5	61.0	3228
	12-14	100.0	100.0	97.2	80.1	53.1	28.5	12.1	4.9	1.0	53.2	3232
	15-17	100.0	100.0	96.3	78.2	51.3	28.1	12.2	4.7	1.1	52.7	3241
	18-20	100.0	100.0	99.6	95.4	83.0	60.5	34.5	13.4	3.0	64.4	3227
	21-23	100.0	100.0	100.0	99.8	98.8	92.1	74.5	41.5	8.8	77.1	3234
TOTALS		100.0	100.0	99.1	93.3	82.5	68.4	52.0	32.8	9.3	69.3	25837

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 AUG

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.8	98.6	92.4	70.4	17.9	83.7	3240
	03-05	100.0	100.0	100.0	100.0	99.9	99.5	96.5	82.6	30.7	86.9	3236
	06-08	100.0	100.0	100.0	99.9	99.6	95.7	82.5	55.1	13.6	80.5	3243
	09-11	100.0	100.0	99.8	96.4	81.8	52.8	26.3	10.9	2.7	62.6	3233
	12-14	100.0	100.0	97.4	83.7	53.1	26.6	12.2	5.5	1.4	53.6	3247
	15-17	100.0	100.0	96.7	81.9	53.0	29.3	14.5	6.1	1.6	53.8	3246
	18-20	100.0	100.0	99.9	98.0	89.0	70.4	43.0	19.1	3.5	67.8	3248
	21-23	100.0	100.0	100.0	100.0	99.5	94.9	80.3	48.7	9.2	78.8	3247
TOTALS		100.0	100.0	99.2	95.0	84.5	71.0	56.0	37.3	10.1	71.0	25960

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 SEP

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.9	99.5	96.8	87.9	63.8	18.6	82.5	3140
	03-05	100.0	100.0	100.0	100.0	99.6	98.5	93.9	77.1	29.6	85.8	3143
	06-08	100.0	100.0	100.0	99.9	98.4	93.5	82.3	56.8	18.9	80.8	3143
	09-11	100.0	100.0	98.2	89.4	72.1	49.3	27.7	13.6	3.7	60.9	3136
	12-14	100.0	99.6	91.3	69.7	45.5	25.1	14.5	7.9	2.2	51.2	3141
	15-17	100.0	99.7	92.0	70.7	46.9	28.0	16.1	9.5	2.9	52.1	3146
	18-20	100.0	100.0	99.6	96.4	87.0	69.7	45.6	22.8	6.3	68.3	3137
	21-23	100.0	100.0	99.9	99.7	97.8	91.7	75.5	45.1	11.3	77.7	3147
TOTALS		100.0	99.9	97.6	90.7	80.9	69.1	55.5	37.1	11.7	69.9	25133

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 OCT

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.8	99.1	97.1	91.0	75.5	48.6	17.4	78.7	3246
	03-05	100.0	100.0	99.8	99.5	98.7	94.2	84.4	60.4	25.1	82.0	3242
	06-08	100.0	100.0	99.9	99.2	96.9	90.5	76.2	50.5	18.7	78.9	3236
	09-11	100.0	99.8	96.8	85.4	65.7	44.3	26.4	14.3	4.3	59.3	3234
	12-14	100.0	99.0	85.7	62.1	40.1	25.2	15.4	8.8	2.6	49.4	3243
	15-17	100.0	99.1	88.0	67.3	45.0	28.9	18.0	9.8	3.4	51.6	3245
	18-20	100.0	100.0	99.2	94.4	82.1	62.9	40.5	20.4	6.6	66.2	3244
	21-23	100.0	100.0	99.8	98.5	94.1	82.9	61.8	34.2	11.1	74.0	3247
TOTALS		100.0	99.7	96.1	88.2	77.5	65.0	49.8	30.9	11.2	67.5	25937

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72 NOV

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	99.4	95.8	86.5	68.0	42.2	15.2	76.3	3130
	03-05	100.0	100.0	99.9	99.4	97.4	90.4	74.6	49.3	19.1	78.5	3136
	06-08	100.0	100.0	99.9	99.3	97.2	90.4	75.0	48.1	18.7	78.3	3131
	09-11	100.0	99.8	99.0	94.5	83.0	62.2	39.7	21.8	6.9	66.4	3128
	12-14	100.0	99.5	95.5	80.9	59.6	38.9	24.9	14.2	5.3	57.6	3136
	15-17	100.0	99.5	96.3	84.4	65.7	44.8	27.1	14.4	5.5	59.4	3136
	18-20	100.0	99.9	99.3	96.2	86.7	68.6	45.8	23.5	8.5	68.5	3136
	21-23	100.0	100.0	99.8	98.7	93.2	81.0	59.8	33.5	11.3	73.3	3131
TOTALS		100.0	99.8	98.7	94.1	84.8	70.4	51.9	30.9	11.3	69.8	25064

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 38-72 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.5	97.9	89.9	70.5	43.7	16.9	77.3	3238
	03-05	100.0	100.0	100.0	99.7	98.5	92.0	75.6	49.1	20.0	78.8	3231
	06-08	100.0	100.0	100.0	99.8	98.5	92.3	74.7	48.5	18.7	78.7	3234
	09-11	100.0	100.0	99.9	98.7	91.5	75.4	52.5	30.7	10.8	71.5	3239
	12-14	100.0	99.9	98.7	91.8	75.3	56.2	36.2	21.5	7.7	64.3	3236
	15-17	100.0	100.0	99.1	93.8	80.5	62.1	40.4	22.9	8.7	66.4	3246
	18-20	100.0	100.0	99.8	98.9	94.2	80.0	57.0	31.0	12.2	72.8	3232
	21-23	100.0	100.0	99.8	99.4	96.7	86.6	65.4	39.8	14.5	75.7	3230
TOTALS		100.0	100.0	99.7	97.7	91.6	79.3	59.0	35.9	13.7	73.2	25886

USAFETAC FORM JUL 64 0-87-5 (OL A)

COUNTY NO. 12
33-157

Temperature (°F)	LOWEST RELATIVE HUMIDITY (%) NOV	DEC	JAN	FEB	MAR	MEAN RELATIVE HUMIDITY (%) NOV	DEC	JAN	FEB	MAR
20/19	14	14	14	14	42	70	70	70	70	70
22/21	19	19	0	19	19	72	72	72	72	72
24/23	24	24	24	24	24	74	74	74	74	74
26/25	29	29	7	29	29	75	75	75	75	75
28/27	12	33	12	12	33	77	77	77	77	77
30/29	17	17	17	17	17	78	78	78	78	78
32/31	22	4	4	4	22	79	79	79	79	79
34/33	9	27	9	9	27	81	81	81	81	81
36/35	14	14	0	14	14	73	82	73	82	73
38/37	19	19	19	4	19	75	75	75	75	75
40/39	23	23	23	23	23	68	63	76	76	76
42/41	28	28	14	14	14	66	77	70	70	70
44/43	18	18	18	18	18	71	66	71	71	71
46/45	22	22	22	10	22	65	72	72	72	72
48/47	14	25	25	25	25	73	73	73	73	73
50/49	20	17	28	17	17	74	74	74	68	68

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

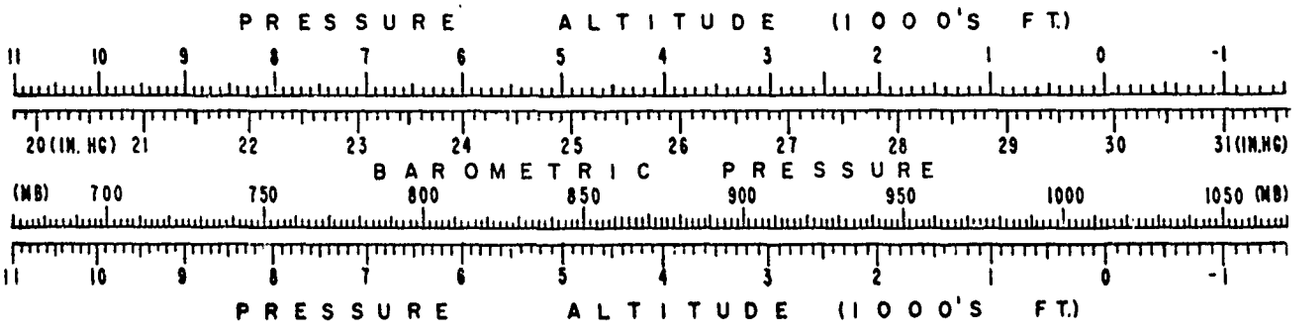
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



74 29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13802 SCOTT AFB ILLINOIS/BELLEVILLE 38-72
STATION STATION NAME / / YEARS

HRS (C S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1021.1	1019.6	1016.9	1015.5	1015.2	1014.4	1015.9	1016.1	1017.3	1018.4	1019.0	1020.1	1017.4
	S D	8.448	8.091	8.058	7.199	5.086	4.107	3.373	3.417	4.666	5.625	7.761	8.221	6.765
	TOTAL OBS	1011	925	1050	1013	1049	998	1032	1052	1017	1082	1015	1076	12320
03	MEAN	1021.2	1019.3	1016.6	1015.2	1015.0	1014.2	1015.7	1015.9	1017.3	1018.4	1019.0	1020.1	1017.3
	S D	8.560	8.318	8.137	7.399	5.208	4.221	3.445	3.512	4.709	5.801	7.852	8.279	6.895
	TOTAL OBS	1013	926	1051	1014	1051	1000	1031	1049	1016	1081	1016	1069	12317
06	MEAN	1021.3	1019.7	1017.3	1016.1	1016.0	1015.2	1016.6	1016.9	1018.2	1019.2	1019.4	1020.3	1018.0
	S D	8.704	8.479	8.216	7.515	5.317	4.275	3.506	3.532	4.746	5.891	7.931	8.414	6.905
	TOTAL OBS	1016	924	1047	1014	1047	998	1031	1051	1015	1080	1015	1072	12310
09	MEAN	1022.3	1020.6	1018.1	1016.8	1016.5	1015.7	1017.2	1017.5	1019.0	1020.0	1020.4	1021.1	1018.8
	S D	8.902	8.729	8.345	7.653	5.437	4.319	3.496	3.566	4.832	5.965	7.986	8.548	7.056
	TOTAL OBS	1007	923	1049	1015	1048	1003	1028	1055	1016	1080	1014	1070	12307
12	MEAN	1021.2	1019.8	1017.4	1016.0	1015.8	1015.0	1016.6	1016.7	1018.0	1018.9	1019.3	1020.1	1017.9
	S D	8.953	8.703	8.237	7.561	5.315	4.229	3.413	3.516	4.725	5.837	7.972	8.405	6.954
	TOTAL OBS	1017	924	1052	1013	1047	1000	1029	1052	1016	1080	1017	1074	12321
15	MEAN	1020.1	1018.4	1015.9	1014.7	1014.5	1013.8	1015.4	1015.4	1016.5	1017.5	1018.3	1019.2	1016.6
	S D	8.790	8.504	8.104	7.428	5.153	4.132	3.420	3.446	4.698	5.677	7.805	8.300	6.850
	TOTAL OBS	1016	925	1049	1014	1050	1000	1033	1053	1019	1080	1017	1073	12329
18	MEAN	1020.7	1019.0	1015.9	1014.5	1014.1	1013.3	1014.8	1015.0	1016.4	1017.7	1018.9	1019.8	1016.7
	S D	8.575	8.207	8.015	7.206	5.023	4.011	3.352	3.381	4.670	5.572	7.626	8.135	6.841
	TOTAL OBS	1014	922	1051	1010	1047	1002	1026	1052	1017	1083	1013	1067	12304
21	MEAN	1021.2	1019.5	1016.7	1015.4	1014.9	1014.2	1015.5	1015.8	1017.2	1018.3	1019.3	1020.2	1017.3
	S D	8.448	8.131	8.011	7.110	4.899	3.961	3.330	3.374	4.657	5.596	7.675	8.127	6.758
	TOTAL OBS	1013	927	1050	1010	1046	997	1033	1053	1019	1081	1016	1072	12317
ALL HOURS	MEAN	1021.1	1019.5	1016.8	1015.5	1015.2	1014.5	1016.0	1016.2	1017.5	1018.6	1019.2	1020.1	1017.5
	S D	8.690	8.416	8.168	7.418	5.232	4.219	3.496	3.552	4.781	5.795	7.844	8.317	6.910
	TOTAL OBS	8107	7396	8399	8102	8385	7998	8243	8417	8135	8647	8123	8573	98525

USAFETAC FORM JUL 64 0-89 5 (OL-I)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13802 (STATION) SCOTT AFB ILLINOIS/BELLEVILLE (STATION NAME) 46-63,65-72 (YEARS)

HRS.(L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.652	29.614	29.528	29.498	29.494	29.473	29.522	29.531	29.557	29.581	29.584	29.621	29.555
	S D	.242	.234	.234	.206	.146	.117	.099	.100	.134	.166	.223	.237	.193
	TOTAL OBS	766	701	771	741	771	732	771	802	777	805	771	801	9209
03	MEAN	29.654	29.606	29.522	29.489	29.489	29.469	29.515	29.526	29.556	29.580	29.583	29.621	29.551
	S D	.244	.242	.235	.210	.150	.120	.101	.106	.135	.170	.226	.242	.197
	TOTAL OBS	769	702	773	740	772	732	768	802	775	803	771	799	9206
06	MEAN	29.655	29.615	29.540	29.513	29.516	29.498	29.542	29.551	29.582	29.601	29.594	29.627	29.570
	S D	.249	.247	.237	.215	.154	.122	.102	.103	.137	.173	.227	.243	.198
	TOTAL OBS	769	700	769	742	769	732	768	802	776	802	769	798	9196
09	MEAN	29.685	29.639	29.566	29.533	29.532	29.512	29.559	29.571	29.605	29.627	29.623	29.652	29.592
	S D	.257	.254	.241	.221	.157	.124	.103	.105	.141	.176	.229	.249	.203
	TOTAL OBS	767	700	772	738	771	736	765	805	776	804	770	800	9204
12	MEAN	29.654	29.620	29.544	29.512	29.514	29.492	29.542	29.551	29.579	29.595	29.593	29.624	29.569
	S D	.260	.252	.239	.218	.153	.120	.100	.102	.137	.173	.230	.244	.200
	TOTAL OBS	771	697	773	742	769	733	766	803	775	803	770	802	9204
15	MEAN	29.621	29.577	29.501	29.473	29.478	29.459	29.507	29.512	29.535	29.555	29.561	29.593	29.531
	S D	.255	.246	.236	.214	.147	.117	.100	.100	.137	.168	.227	.240	.197
	TOTAL OBS	770	700	770	742	770	733	770	803	780	802	770	802	9212
18	MEAN	29.636	29.590	29.501	29.466	29.462	29.442	29.488	29.497	29.528	29.558	29.580	29.609	29.530
	S D	.246	.238	.232	.208	.143	.114	.098	.099	.135	.165	.218	.236	.195
	TOTAL OBS	768	699	772	739	770	735	766	803	777	805	766	796	9196
21	MEAN	29.653	29.611	29.521	29.493	29.486	29.467	29.512	29.521	29.553	29.576	29.592	29.621	29.551
	S D.	.242	.231	.231	.204	.140	.120	.097	.100	.135	.165	.221	.234	.193
	TOTAL OBS	768	700	771	738	769	732	771	805	779	804	769	798	9204
ALL HOURS	MEAN	29.651	29.609	29.528	29.497	29.490	29.477	29.523	29.532	29.562	29.584	29.589	29.621	29.556
	S. D	.250	.244	.236	.213	.150	.121	.102	.104	.138	.171	.225	.241	.198
	TOTAL OBS	6148	5599	6171	5922	6161	5865	6149	6425	6215	6429	6156	6396	73631

USAFETAC FORM JUL 64 0-89-5 (OL-I)